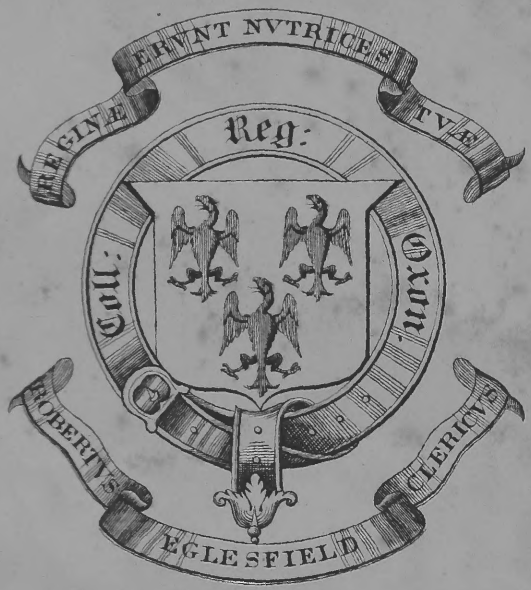
CANCELLED FROM THE LIBRARY
QUEEN'S COLLEGE, OXFORD.

390. E. 30

~~391. G. 33~~



Munificentia

Joannis R. Magrath, S.T.P.

Præpositi.

THOR
P.
11
O.

EASTERN AND AUSTRALIAN

LEPIDOPTERA HETEROCERA

SWINHOE

HENRY FROWDE, M.A.

PUBLISHER TO THE UNIVERSITY OF OXFORD

LONDON, EDINBURGH, AND NEW YORK

CATALOGUE

OF

EASTERN AND AUSTRALIAN

LEPIDOPTERA HETEROCERA

IN THE COLLECTION OF

THE OXFORD UNIVERSITY MUSEUM

PART II

NOCTUINA, GEOMETRINA AND PYRALIDINA

BY

COLONEL C. SWINHOE
M.A., F.L.S., F.Z.S., F.E.S.

PTEROPHORIDÆ AND TINEINA

BY THE

RIGHT HON. LORD WALSINGHAM
M.A., LL.D., F.R.S., &c.
HIGH STEWARD OF THE UNIVERSITY OF CAMBRIDGE

AND

JOHN HARTLEY DURRANT
F.E.S., MEMB. SOC. ENT. FRANCE

WITH EIGHT PLATES

Oxford
AT THE CLARENDON PRESS
1900

Oxford
PRINTED AT THE CLARENDON PRESS
BY HORACE HART, M.A.
PRINTER TO THE UNIVERSITY

PREFACE.

THE delay that has occurred in completing this work has been to a great extent unavoidable. Professor Westwood's death and the time which elapsed before his successor was in due course appointed, and the alterations and improvements that were subsequently made in the Hope Department of the University Museum, closed the collection of insects for many months, and when I was able to recommence the work I had many other interests in hand, and was able to give only a portion of my time to it.

The Pyralidina were practically completed in 1893, and the Geometrina in 1894. I left the Noctuina to the last, so that I might take advantage of Sir George F. Hampson's classification; vol. ii. of his *Moths of India* being then in the press. Finally, I decided to wait for the conclusion of his revision of the whole of the Indian Heterocera before going to press.

I have been very careful to keep separate, under their distinctive names, the various local and varietal forms of each species. To mix such forms up together as synonyms of the parent species is to do an absolute injury to science, rendering a collection comparatively useless for the purposes of reference. We thus lose one chief interest of our subject, the inquiry into the subsequent fate of a parent species as it branches off into the various sub-specific local and varietal forms, some of these again becoming established, and forming parent species.

In such inquiries as these, the study of classification and geographical distribution becomes the study of evolution, a doctrine which is now recognized as giving the chief inspiration to any zoological inquiry.

I have had very great difficulty in finding some of the types referred to in this work, and some of those still missing, as shown in the list at the end of this volume, probably still exist in the Department. Many years ago, some one, not acquainted with the types in the Hope collection of moths, weeded out many faded-looking specimens and deposited them in old drawers and cases now in the loft at the top of the building. I think I have now searched through every case and box, and have recorded all that I can recognize: none of the specimens thus separated having names attached to them, it has been very slow and difficult work to establish their identity; fortunately they all still retain Wallace's well-known locality labels.

I have to thank Professor Poulton for much kindly assistance, Lord Walsingham and Mr. John Hartley Durrant for being so good as to work out the Pterophoridæ and Tineina, Sir George F. Hampson for assistance in the earlier part of the work, and to Mr. W. Warren, whose unrivalled knowledge of the Geometrina has been of the greatest assistance.

C. SWINHOE.

OXFORD,
11 *June*, 1900.

ERRATA.

P. 19. The Genus *Berrhæa*, Walker, xv. 1721 (1858), should be added to the list of synonyms to the Genus *Euplexia*.

P. 22, No. 1500. For a. India (3) insert a. India (type). b. India (2), and delete Type. India, in B. M.

P. 25, No. 1513. *Ancara punctiplaga*, Walker, xxiii. should be xxxiii.

P. 93, No. 1806. *Gadirtha defundens* should be *diffundens*.

P. 147, No. 1997. a. India (type) should be (type *basisignum*).

P. 216, No. 2269. *Acidalia vexataria*, Walker, xxiii. 967 should be 767.

P. 308, No. 2638. a. Cambodia, Siam (type) should be (type *destituta*).

P. 331, No. 2756. *Carima basisparsata*, Walker, xvi. should be xxvi.

P. 399, No. 3079. *Hypochroma polygrapharia*, Walker, xxi. 435 should be 439.

P. 435, No. 3214. *Sacada decora*, Walker, xxii. should be xxxii.

P. 486, No. 3420. *dasyclusalis* should be *dascylusalis*.

CATALOGUE

OF

EASTERN LEPIDOPTERA HETEROCERA

IN THE

OXFORD UNIVERSITY MUSEUM.

PART II. NOCTUINA.

FAMILY **TRIFIDÆ.**

GENUS **GLOTTULA.** Guen.: Ann. Soc. Ent. Fr., vi. p. 359 (1837).

1414. Glottula dominica.

Phalæna (*Noctua*) *dominica.* Cram.: Pap. Exot., iv. pl. 339, f. H (1782).
Glottula dominica. Guen.: Noct., i. 116. 183 (1852).
——— Walker: ix. 141 (1856).
——— Moore: P. Z. S., Lond., 1867, p. 50.
——— Piepers and Snellen: Tijd. voor Ent., xx. p. 25 (1877).
——— Forsayeth: Trans. Ent. Soc., Lond. 1884, p. 409.
——— Moore: Lep. Ceylon, iii. p. 14, pl. 145, f. 2, 2 *a* (1884).
——— Swinhoe: P. Z. S., Lond., 1886, p. 443.
——— C. and S.: Cat. Moths of India, iii. 279. 1780 (1888).
——— Hampson: Ill. Typ. Lep. Het., B. M., viii. 17. 370 (1891), and ix. 17. 370 (1893).
——— Faun. Brit. Ind. Moths, ii. p. 167 (1894).

a. Indore (8) (Hearsay). b. Amoy, China.

1415. Glottula orientalis.

Glottula orientalis. Hampson: Faun. Brit. Ind. Moths, ii. p. 168 (1894).
——— P. Z. S., Lond., 1896, p. 259.

Type. Nilgiri Hills, in B. M.
a. Indore (Hearsay).

GENUS **POLYTELA.** Guen.: Noct., i. p. 113 (1852).

1416. Polytela gloriosæ.

Bombyx gloriosæ. Fabr.: Sp. Ins., ii. 205. 150 (1781).
———— Mant. Ins., ii. 133. 211 (1787).
———— Ent. Syst., iii. i. 484. 242 (1793).
Phalæna gloriosæ. Linn.: Syst. Nat., i. 5. 2440. 578 (1788).
Polytela gloriosæ. Guen.: Noct., i. 113. 179, pl. 4, f. 2 (1852).
———— Walker: ix. 138 (1856).
———— Moore: P. Z. S., Lond., 1867, p. 50.
———— Lep. Ceylon, iii. p. 13, pl. 145, f. 1, 1 *a* (1884).
———— Swinhoe: P. Z. S., Lond., 1885, p. 450.
———— C. and S.: Cat. Moths of India, iii. 280. 1786 (1888).
———— Hampson: Ill. Typ. Lep. Het., B. M., viii. 12. 330 (1891) and ix. 17. 372 (1893).
———— Faun. Brit. Ind. Moths, ii. p. 168 (1894).

a. Bombay. b. Indore (6) (Hearsay). c. Nilgiri Hills. d. India (10).

1417. Polytela florigera.

Polytela florigera. Guen.: Noct., i. 114. 180 (1852).
———— Walker: ix. 139 (1856).
———— C. and S.: Cat. Moths of India, iii. 280. 1785 (1888).
———— Hampson: Faun. Brit. Ind. Moths, ii. p. 169 (1894).
Polytela inclyta. Walker: Char. undescr., Het., p. 27 (1869).

Type (*inclyta*), without locality, in coll. Norris.
a. India (2).

GENUS **ADISURA.** Moore: P. Z. S., Lond., 1881, p. 367.

1418. Adisura atkinsoni.

Adisura atkinsoni. Moore: l. c., p. 368, pl. 37, f. 6.
———— Descr. Ind. Lep. Atk., p. 137 (1882).
———— C. and S.: Cat. Moths of India, iii. 274. 1748 (1888).
———— Hampson: Faun. Brit. Ind. Moths, ii. p. 173 (1894).
Adisura leucanioides. Moore: P. Z. S., Lond., 1881, p. 368, pl. 37, f. 6.
———— Butler: P. Z. S., Lond., 1883, p. 161.
———— Swinhoe: P. Z. S., Lond., 1884, p. 518. 1885, p. 449, and 1886, p. 443.
———— Cotes and Swinh.: l. c., 1747.
———— Hmn.: Ill. Typ. Lep. Het., B. M., viii. 12. 318 (1891).
———— Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 39.
Adisura pallida. Moore: l. c., p. 369.
———— Lep. Ceylon, iii. p. 52, pl. 150, f. 8 (1884).
———— Cotes and Swinh.: l. c., 1749.
———— Hampson: l. c., ix. 16. 366 (1893).

Type. Darjiling, in coll. Staudinger.
Type (*leucanioides*). Kutch, in B. M.
Type (*pallida*). Ceylon, in coll. Macwood.
a. Indore (Hearsay).

GENUS **HELIOTHIS.** Ochs.: Eur. Schm., iv. p. 91 (1816).

1419. Heliothis armigera.

Noctua armigera. Hübn.: Samml. Eur. Schm. Noct., ii. p. 180, pl. 79, f. 370 (1810).
———— Dup.: Lep. de France, vii. p. 310, pl. 119, f. 5, 6 (1827).
Heliothis armigera. Treit.: Schm. von Eur., iii. 230. 6 (1826).
———— Boisd.: Faun. Ent. Mad., 98. 1 (1834).
———— Ind. Méth., 163. 1308 (1840).
———— Guen.: Noct., ii. 181. 933 (1852).
———— Walker: xi. 683 (1857).
———— Dietrich: Mittheil. Schw. Ent. Ges., 1864, p. 258.
———— Moore: P. Z. S, Lond., 1867, p. 60.
———— Butler: Ann. Mag. N. H. (5), ix. p. 210 (1882).
———— P. Z. S., Lond., 1883, p. 161.
———— Moore: Lep. Ceylon, iii. p. 51, pl. 150, f. 1, 1 *a* (1884).
———— Forsayeth: Trans. Ent. Soc., Lond., 1884, p. 410.
———— Swinhoe: P. Z. S., Lond., 1884, p. 518; 1885, p. 448, and 1886, p. 442.
———— Trans. Ent. Soc., Lond., 1885, p. 347.
———— C. and S.: Cat. Moths of India, iii. 271. 1730 (1888).
———— Leech: P. Z. S., Lond., 1889, p. 519.
———— Hampson: Ill. Typ. Lep. Het., B. M., viii. 12. 314 (1891), and ix. 16. 365 (1893).
———— Faun. Brit. Ind. Moths, ii. p. 174 (1894).
———— Meyrick: Hand. Brit. Lep., p. 108 (1895).
Heliothis pulverosa. Walker: xi. 688 (1857).
Heliothis conferta. Walker: xi. 690.
Thalpophila rubrescens. Butler (nec Walker): P. Z. S., Lond., 1883, p. 161.
Heliothis rubrescens. Swinhoe: Trans. Ent. Soc., Lond., 1885, p. 348.
———— P. Z. S., Lond., 1885, p. 448, and 1886, p. 442.
———— Cotes and Swinh.: l. c., 273. 1736.

Type (*pulverosa*). Cape, in B. M.
Type (*conferta*). New Zealand, in B. M.
a. Bombay (2). b. Indore (12) (Hearsay). c. Ternate.

1420. Heliothis peltigera.

Noctua peltigera. Schiff: Wien. Verz., 89. 2 (1776).
———— Dup.: Hist. Nat. Lep. Fr., vii. pl. 119, f. 5 (1827).
Heliothis peltigera. Steph: Ill. Brit. Ent. Haust., iii. p. 109 (1829).
———— Guen.: Noct., iii. 180. 931 (1852).
———— Walker: xi. 682 (1857).
———— Moore: P. Z. S., Lond., 1867, p. 60.
———— Swinhoe: P. Z. S., Lond., 1884, p. 518; 1885, p. 448, and 1886, p. 442.
———— Trans. Ent. Soc., Lond., 1885, p. 348.
———— C. and S.: Cat. Moths of India, iii. 272. 1734 (1888).
———— Hampson: Faun. Brit. Ind. Moths, ii. p. 175 (1894).
———— Meyrick: Hand. Brit. Lep., p. 108 (1895).
Heliothisa peltigera. Meig.: Syst. Besch., iii. p. 234, pl. 120, f. 14 (1832).

Melicleptria peltigera. Hübn.: Verz., 262. 2576 (1816).
Phalæna alphea. Cram.: Pap. Exot., iii. pl. 250, f. F (1779).
Melicleptria alphea. Hübn.: Verz., 262. 2577.
Noctua florentina. Esper.: Schm. Eur., iv. pl. 135, f. 2 (1786).
Phalæna charmione. Stoll.: Cram. Pap. Exot., v. pl. 36, f. 10 (1790).
Noctua scutigera. Bork.: Eur. Schm., iv. 93. 37 (1792).
Noctua straminea. Don.: Brit. Ins., ii. pl. 61 (1793).
Noctua barbara. Fabr.: Ent. Syst., iii. 2. 111. 334 (1794).
———— Coqueb.: Ill. Icon., p. 70, pl. 17, f. 3 (1801).

a. India. b. Central India. c. Indore (3) (Hearsay).

1421. Heliothis succinea.

Heliothis succinea. Moore: M. S. Butler, P. Z. S., Lond., 1880, p. 676.
———— P. Z. S., Lond., 1881, p. 362.
———— Swinhoe: P. Z. S., Lond., 1886, p. 443.
———— C. and S.: Cat. Moths of India, iii. 273. 1738 (1888).
———— Leech: P. Z. S., Lond., 1889, p. 519.
———— Hmn.: Ill. Typ. Lep. Het., B. M., viii. 12. 316 (1891).

Type. Bombay, in B. M.
a. India. b. Indore (3) (Hearsay). c. Bombay (3).

1422. Heliothis rubrescens.

Thalpophila rubrescens. Walker: xv. 1681 (1858).

Type. Moreton Bay, in B. M.
a. Queensland.

1423. Heliothis dipsacea.

Phalæna-Noctua dipsacea. Linn.: Syst. Nat. 856. 185 (1759).
Noctua dipsacea. Schiff: Wien. Verz., 89. 3 (1776).
Heliothis dipsacea. Treit.: Schm. Eur., v. 220. 3 (1825).
———— Walker: xi. 685 (1857).
———— Leech: P. Z. S., Lond., 1889, p. 520.
———— Meyrick: Hand. Brit. Lep., p. 109 (1895).

a. Japan.

1424. Heliothis leucatma.

Heliothis leucatma. Meyrick: Trans. Ent. Soc., Lond., 1897, p. 368.

Type. Melbourne, in coll. Meyrick.
a. Australia (2).

Genus **CHARICLEA.** Curt.: Brit. Ent., pl. 76 (1825).
Sophaga. Moore: P. Z. S., Lond., 1881, p. 362.
Dorika. Moore: l. c., p. 363.
Pradatta. Moore: l. c., p. 364.
Masalia. Moore: l. c.
Curubasa. Moore: l. c., p. 366.

1425. Chariclea sanguinolenta.

Dorika sanguinolenta. Moore: l. c., p. 363.
———— C. and S.: Cat. Moths of India, iii. 270. 1723 (1888).

Chariclea sanguinolenta. Hmn.: Faun. Brit. Ind. Moths, ii. p. 178 (1894).
———————— Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 39.
Dorika ignea. Hampson: Ill. Typ. Lep. Het., B. M., viii. p. 70, pl. 144, f. 21 (1891).

Type. Bombay, in B. M.
Type (*ignea*). Nilgiri Hills, in B. M.
a. Nilgiri Hills.

1426. Chariclea artaxoides.

Pradatta artaxoides. Moore: P. Z. S., Lond., 1881, p. 366.
———————— C. and S.: Cat. Moths of India, iii. 270. 1725 (1888).
———————— Butler: Ill. Typ. Lep. Het., B. M., vii. p. 68, pl. 130, f. 8 (1889).
Chariclea artaxoides. Hampson: Faun. Brit. Ind. Moths, ii. p. 179 (1894).
Curubasa calamaria. Moore: l. c., p. 367.
———————— Swinhoe: P. Z. S., Lond., 1885, p. 449.
———————— Cotes and Swinh.: l. c., 273. 1741.

Type. N. W. Himalayas, in B. M.
Type (*calamaria*). Bombay, in B. M.
a. Kulu.

1427. Chariclea roseivena.

Leucania roseivena. Walker: xxxv. 1954 (1866).
Leucania alarioides. Butler: Trans. Ent. Soc., Lond., 1886, p. 392.

Type (*alarioides*). Peak Down, Australia, in B. M.
a. Flores (type) (Wallace).

1428. Chariclea lanceolata.

Alaria lanceolata. Walker: xxxiii. 767 (1865).
———————— Butler: P. Z. S., Lond., 1883, p. 161.
———————— Swinhoe: P. Z. S., Lond., 1886, p. 442.
Curubasa lanceolata. Moore: P. Z. S., Lond., 1881, p. 366.
———————— C. and S.: Cat. Moths of India, iii. 274. 1743 (1888).
———————— Hmn.: Ill. Typ. Lep. Het., B.M., viii. 12.317 (1891).
Chariclea lanceolata. Hampson: Faun. Brit. Ind. Moths, ii. p. 177 (1894).
Heliothis delicia. Felder: Reise Nov. Lep., pl. 108, f. 40 (1872).

Type. S. India, in B. M.
Type (*delicia*). Bangkok, in coll. Rothschild.
a. Nilgiri Hills. b. Indore (Hearsay). c. Bombay (2).

1429. Chariclea cruentata.

Curubasa cruentata. Moore: P. Z. S., Lond., 1881, p. 367.
———————— C. and S.: Cat. Moths of India, iii. 274. 1742 (1888).
———————— Butler: Ill. Typ. Lep. Het., B. M., vii. p. 68, pl. 130, f. 9 (1889).

Type. N. W. India, in B. M.
a. India. b. Indore (Hearsay).

1430. Chariclea bivittata.

Leucania bivittata. Walker: ix. 108 (1856).

Leucania bivittata. Butler: P. Z. S., Lond., 1883, p. 158.
Pradatta bivittata. Moore: P. Z. S., Lond., 1881, p. 365.
——————— Swinhoe: P. Z. S., Lond., 1885, p. 449, and 1886, p. 442.
——————— C. and S.: Cat. Moths of India, iii. 270. 1727 (1888).
——————— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 222.
Chariclea bivittata. Hampson: Faun. Brit. Ind. Moths, ii. p. 177 (1894).

Type. Moulmein, in B. M.
a. Mhow.

1431. Chariclea aureola.

Leucania aureola. Walker: ix. 108 (1856).
——————— Swinhoe: P. Z. S., Lond., 1886, p. 441.
Dorika aureola. Moore: P. Z. S., Lond., 1881, p. 363.
——————— C. and S.: Cat. Moths of India, iii. 270. 1722 (1888).
Chariclea aureola. Hampson: Faun. Brit. Ind. Moths, ii. p. 179 (1894).

Type. Kanara, in B. M.
a. Bombay.

1432. Chariclea subspurcata.

Leucania subspurcata. Walker: xxxv. 1954 (1866).
Leucania ficta. Walker: xxxv. 1955.

a. Flores (type) (Wallace). b. Flores (type *ficta*) (Wallace).

Genus **MELANCHRA.** Hübn.: Verz., p. 207 (1816).

1433. Melanchra plena.

Erana plena. Walker: xxxiii. 744 (1865).
——————— Butler: P. Z. S., Lond., 1877, p. 386.

Type. Auckland, in B. M.
a. South Island, New Zealand.

1434. Melanchra homoxia.

Mamestra homoxia. Meyrick: Trans. New Zeal. Inst., 1886, p. 21.

a. Van Diemen's Land.

Genus **ELEGARDA.** Walker: xxxiii. 712 (1865).

1435. Elegarda ignobilis.

Mamestra ignobilis. Walker: ix. 239 (1856).
Agrotis ignobilis. Butler: Trans. Ent. Soc., Lond., 1889, p. 377.
Agrotis rubrilinea. Walker: x. 351.
Agrotis recondita. Walker: l. c.
Agrotis dorsicinis. Walker: xv. 1701 (1858).

Type. New Holland, in B. M.
Type (*rubrilinea*). Australia, in B. M.
Type (*recondita*). Tasmania, in B. M.
Type (*dorsicinis*). Moreton Bay, in B. M.

a. Queensland. b. E. Australia. c. Van Diemen's Land.

GENUS **AGROTIS.** Ochs.: Eur. Schm., iv. p. 66 (1816).
Graphiphora. Ochs.: l. c., p. 68.
Oxira. Walker: xxxii. 657 (1865).

1436. Agrotis segetis.

Noctua segetum. Schiff: Wien. Verz., p. 252 (1776).
Agrotis segetum. C. and S.: Cat. Moths of India, iii. 309. 2000 (1888).
———— Leech: P. Z. S, Lond., 1889, p. 499.
———— Hampson: Ill. Typ. Lep. Het., B. M., ix. 17. 388 (1893).
———— Meyrick: Hand. Brit. Lep., p. 91 (1895).
Agrotis segetis. Hampson: (part) Faun. Brit. Ind. Moths, ii. p. 181 (1894).
———— Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 39.
Agrotis correcta. Walker: x. 345 (1856).
———— Cotes and Swinh.: l. c., 307. 1987.
Agrotis repulsa. Walker: xxxii. 696 (1865).
———— Cotes and Swinh.: l. c., 309. 1999.
Agrotis conspurcata. Walker: l. c.
———— Cotes and Swinh.: l. c., 307. 1986.

Type (*correcta*). N. India, in B. M.
Type (*repulsa*). S. India, in B. M.
Type (*conspurcata*). Ceylon, in B. M.
a. India. b. Indore (9) (Hearsay). c. Nilgiri Hills (2).

1437. Agrotis fraterna.

Agrotis fraterna. Moore: Descr. Ind. Lep. Atk., p. 116 (1882).
———— Butler: P. Z. S., Lond., 1883, p. 160.
———— C. and S.: Cat. Moths of India, iii. 307. 1988 (1888).
Agrotis corticea. Butler: (part) Trans. Ent. Soc., Lond., 1889, p. 377.
———— Hmn.: Ill. Typ. Lep. Het., B. M., viii. 14. 387 (1891).
———— Faun. Brit. Ind. Moths, ii. p. 181 (1894).

Type. Darjiling, in coll. Staudinger.
a. Solon, Simla (Reed).

1438. Agrotis biconica.

Agrotis biconica. Koll.: Hügel's Kaschmir, iv. p. 480 (1844).
———— Butler: Trans. Ent. Soc., Lond., 1889, p. 376.
———— Hampson: Ill. Typ. Lep. Het., B. M., viii. 14. 385 (1891), and ix. 17. 387 (1893).
———— Faun. Brit. Ind. Moths, ii. p. 182 (1894).
Agrotis exigua. Koll.: l. c., p. 481.
Agrotis spiculifera. Guen.: Noct., i. p. 266 (1852).
Agrotis aristifera. Guen.: l. c.
———— Walker: x. 344 (1856).
———— Butler: P. Z. S., Lond., 1883, p. 160, and 1886, p. 380.
———— Moore: Lep. Ceylon, iii. p. 32, pl. 147, f. 5 (1884).
———— Swinhoe: P. Z. S., Lond., 1884, p. 516, 1885, p. 453, and 1886, p. 444.
———— C. and S.: Cat. Moths of India, iii. 306. 1981 (1888).

a. India. b. Indore (6) (Hearsay). c. Bombay (2).

1439. Agrotis munda.

Agrotis munda. Walker: x. 348 (1856).

Agrotis munda. Butler: Trans. Ent. Soc., Lond., 1889, p. 376.
Agrotis basinotata. Walker: xv. 1686 (1858).
Agrotis aneituma. Walker: xxxii. 701 (1865).
Agrotis turbulenta. Walker: xxxii. 703.
Agrotis injuncta. Walker: l. c.

Type. Adelaide, in B. M.
Type (*basinotata* and *turbulenta*). Moreton Bay, in B. M.
Type (*aneituma*). New Hebrides, in B. M.
Type (*injuncta*). South Australia, in B. M.
a. New South Wales. b. Van Diemen's Land.

1440. Agrotis ingrata.

Agrotis ingrata. Butler: Ann. Mag. N. H. (5), i. p. 162 (1878).
——————— Ill. Typ. Lep. Het., B. M., ii. p. 27, pl. 29, f. 9 (1878).
Agrotis segetum. Leech: (part) P. Z. S., Lond., 1889, p. 499.

Type. Yokohama, in B. M.
a. Japan (2).

1441. Agrotis ochracea.

Oxira ochracea. Walker: xxxii. 657 (1865).
——————— Moore: Lep. Ceylon, iii. p. 23 (1884).
——————— C. and S.: Cat. Moths of India, iii. 328. 2130 (1888).
——————— Warren: P. Z. S., Lond., 1888, p. 306.
Agrotis ochracea. Hampson: Faun Brit. Ind. Moths, ii. p. 182 (1894).
Hadena ruptistriga. Walker: xxxiii. 739 (1865).
——————— Cotes and Swinh.: l. c., 301. 1941.
Astrapetis ruptistriga. Moore: Lep. Ceylon, iii. p. 38 (1884).
Graphiphora frontalis. Moore: l. c., p. 35, pl. 148, f. 3.
——————— Cotes and Swinh.: l. c., 311. 2013.
——————— Hampson: Ill. Typ. Lep. Het., B. M., ix. pl. 161, f. 20, 21 (1893).
Graphiphora viaria. Swinh.: P. Z. S., Lond., 1889, p. 412.

Types (*ochracea*, *ruptistriga* and *frontalis*). Ceylon, in B. M.
Type (*viaria*). Umballa, in B. M.
a. Dharmsala (Reed).

1442. Agrotis ypsilon.

Noctua ypsilon. Rott.: Naturf., xi. p. 141 (1776).
Agrotis ypsilon. Hampson: Faun. Brit. Ind. Moths, ii. p. 182 (1894).
——————— Meyrick: Hand. Brit. Lep., p. 91 (1895).
Phalæna idonea. Cram.: Pap. Exot., iii. pl. 275, f. H (1780).
Bombyx spinula. Esp.: Schm. Eur., iii. pl. 63, f. 6, 7 (1782).
Noctua suffusa. Fabr.: Mant. Ins., ii. p. 157 (1787).
Agrotis suffusa. Treit.: Schm. Eur., V. i. 152. 15 (1825).
——————— C. and S.: Cat. Moths of India, iii. 309. 2001 (1888).

a. Cherra Punji.

1443. Agrotis reciproca.

Apamea reciproca. Walker: xxxii. 672 (1865).
Orthosia reciproca. Butler: Entom., xxv. p. 10 (1892).
Orthosia breviuscula. Walker: xxxiii. 716 (1865).

Type. Moreton Bay, in B. M.
Type (*breviuscula*). Moreton Bay, in B. M.
a. Van Diemen's Land (2).

GENUS **PERIDROMA.** Hübn.: Verz., p. 227 (1816).

1444. Peridroma sikkima.

Mamestra sikkima. Moore: P. Z. S., Lond., 1867, p. 53.
———— Walker: xxxv. 1957 (1866).
———— C. and S.: Cat. Moths of India, iii. 320. 2079 (1888).
Agrotis sikkima. Hampson: Faun. Brit. Ind. Moths, ii. p. 183 (1894).

Type. Darjiling, in B. M.
a. India.

1445. Peridroma plecta.

Phalæna-Noctua plecta. Linn.: Syst. Nat., p. 851 (1759).
Noctua plecta. Schiff: Wien. Verz., 77. 6 (1776).
Ochropleura plecta. Hübn.: Verz., 223. 2233 (1816).
———— Walker: x. 406 (1856).
———— Leech: P. Z. S., Lond., 1889, p. 494.
Graphiphora plecta. Steph.: Ill. Brit. Ent. Haust., ii. p. 136 (1829).
Chersotis plecta. Boisd.: Ind. Méth., 104. 772 (1840).
Agrotis plecta. Hampson: (part) Faun. Brit. Ind. Moths, ii. p. 183 (1894).
———— Meyrick: Hand. Brit. Lep., p. 95 (1895).

a. Japan.

1446. Peridroma intracta.

Agrotis intracta. Walker: x. 346 (1856).
———— C. and S.: Cat. Moths of India, iii. 308. 1991 (1888).
———— Hampson: Faun. Brit. Ind. Moths, ii. p. 183 (1894), and iv. App., p. 508 (1896).
Agrotis modesta. Moore: P. Z. S., Lond., 1881, p. 351.
———— Cotes and Swinh.: l. c., 1994.
———— Hampson: l. c., ii. p. 188.
Spælotis ambigua. Butler: Ill. Typ. Lep. Het., B. M., vii. p. 54, pl. 128, f. 10, 11 (1889).

Type. Nepal, in B. M.
Type (*modesta*). Kashmir, in B. M.
Type (*ambigua*). Dharmsala, in B. M.
a. Darjiling (Möwis).

GENUS **CHERA.** Hübn.: Verz., p. 211 (1816).
Triphæna. Hübn.: l. c., p. 221.
Amathes. Hübn.: l. c., p. 222.
Axylia. Hübn.: l. c., p. 242.
Spælotis. Boisd.: Ind. Méth., p. 106 (1840).

1447. Chera curviplena.

Orthosia curviplena. Walker: xxxiii. 715 (1865), and xxxv. 1960 (1866).

Orthosia curviplena. Moore: P. Z. S., Lond., 1867, p. 56.
——————— C. and S.: Cat. Moths of India, iii. 297. 1913 (1888).

Type. Darjiling, in coll. Staudinger.
a. India.

1448. Chera rubicilia.

Graphiphora rubicilia. Moore: P. Z. S., Lond., 1867, p. 55.
——————— Walker: xxxv. 1959 (1866).
Orthosia rubicilia. C. and S.: Cat. Moths of India, iii. 312. 2017 (1888).
——————— Hmn.: Ill. Typ. Lep. Het., B. M., viii. 13. 368 (1891).
Orthosia erubescens. Butler: Ann. Mag. N. H. (5), v. p. 224 (1880).
——————— P. Z. S., Lond., 1881, p. 618.
——————— Cotes and Swinh.: l. c., 297. 1914.
Chera erubescens. Hampson: l. c., p. 78. pl. 145, f. 14.
Graphiphora descripta. Leech: (part) P. Z. S., Lond., 1889, p. 497.
Chera descripta. Hmn.: (part) Faun. Brit. Ind. Moths, ii. p. 184 (1894).

Type. Darjiling, in coll. Russell.
Type (*erubescens*). Nilgiri Hills, in B. M.
a. India.

1449. Chera descripta.

Graphiphora descripta. Brem.: Lep. Ost. Sib., p. 51, pl. 4, f. 11 (1864).
——————— Walker: xxxiii. 709 (1865).
Chera descripta. Hampson: (part) Faun. Brit. Ind. Moths, ii. p. 184 (1894).
Graphiphora canescens. Butler: Ann. Mag. N. H. (5), i. p. 165 (1878).
——————— Ill. Typ. Lep. Het., B. M., ii. p. 28, pl. 30, f. 1 (1878).
——————— Warren: P. Z. S., Lond., 1888, p. 306.
——————— Cotes and Swinh.: Cat. Moths of India, vi. 750. 2008 A (1889).
Chera canescens. Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 39.
Cerastis subdolens. Butler: Trans. Ent. Soc., Lond., 1881, p. 181.
Graphiphora nigrosigna. Moore: P. Z. S., Lond., 1881, p. 352, pl. 38, f. 4.
——————— Descr. Ind. Lep. Atk., p. 118 (1882).
——————— Cotes and Swinh.: l. c., iii. 311. 2015 (1888).
Graphiphora dahlii. Leech: (part) P. Z. S., Lond., 1889, p. 497.

Type (*canescens*). Yokohama, in B. M.
Type (*subdolens*). Tokei, in B. M.
Type (*nigrosigna*). Tonglo, Sikkim, in coll. Staudinger.
a. Japan.

1450. Chera dispalata.

Axylia dispalata. Swinhoe: Trans. Ent. Soc., Lond., 1891, p. 145.
Chera dispalata. Hampson: Faun. Brit. Ind. Moths, ii. p. 187 (1894).

Type. Poona, in B. M.
a. Poona.

1451. Chera basistriga.

Graphiphora basistriga. Moore: P. Z. S., Lond., 1867, p. 54.
——————— C. and S.: Cat. Moths of India, iii. 310. 2008 (1888).

Type. Darjiling, in coll. Staudinger.
a. India.

1452. Chera atra.

Agrotis atra. Guen.: Noct., i. 272. 438 (1852).
———— Walker: x. 349 (1856).
Amathes atra. Butler: Trans. Ent. Soc., Lond., 1889, p. 382.
Agrotis hydræcioides. Guen.: l. c.
Graphiphora reclusa. Walker: x. 403.
Mamestra lucifera. Walker: xxxii. 668 (1865).

Type (*reclusa*). Australia, in B. M.
Type (*lucifera*). Tasmania, in B. M.
a. Van Diemen's Land.

1453. Chera testaceicollis.

Agrotis testaceicollis. Guen.: Noct., i. p. 272 (1852).
———— Walker: x. 349 (1856).

a. Van Diemen's Land.

1454. Chera instipata.

Graphiphora instipata. Walker: x. 404 (1856).
Anathes instipata. Butler: Trans. Ent. Soc., Lond., 1889, p. 383.
Hadena congregata. Walker: xi. 598 (1857).
Orthosia (?) *lunifera.* Walker: xi. 747.
Celæna (?) *verecunda.* Walker: xv. 1691 (1858).

Type. Tasmania, in B. M.
Type (*congregata*). Tasmania, in B. M.
Type (*lunifera*). Adelaide, in B. M.
a. New South Wales (type *verecunda*). b. Van Diemen's Land.

1455. Chera spina.

Agrotis spina. Guen.: Noct., i. 269. 443 (1852).
———— Walker: x. 348 (1856).
———— Butler: Trans. Ent. Soc., Lond., 1889, p. 380.
Agrotis capularis. Guen.: l. c., p. 271.
Mamestra tenebrosa. Walker: xxxii. 669 (1865).

Type (*tenebrosa*). Australia, in B. M.
a. New South Wales (2). b. Van Diemen's Land (2).

1456. Chera moderata.

Agrotis (?) *moderata.* Walker: xxxii. 705 (1865).
———— Butler: P. Z. S., Lond., 1877, p. 383.
———— Cist. Ent. ii. p. 489 (1879).
———— Trans. Ent. Soc., Lond., 1889, p. 379.
Leucania moderata. Meyrick: Trans. N. Zeal. Inst., xx. p. 45 (1888).
Mamestra griseipennis. Felder: Nov. Zool. Lep., pl. 119, f. 22 (1872).
Spælotis inconstans. Butler: Cist. Ent., ii. p. 545 (1880).

Type. Auckland, in B. M.
Type (*griseipennis*). N. Zealand, in coll. Rothschild.
Type (*inconstans*). N. Zealand, in B. M.
a. South Island, New Zealand (2).

1457. Chera comma.

Mamestra comma. Walker: ix. 239 (1856).

Mamestra comma. Butler: Lep. N. Zeal., pl. 2, f. 1 (1874).
Nitocris comma. Butler: P. Z. S., Lond., 1877, p. 383.
Amathes comma. Butler: Trans. Ent. Soc., Lond., 1889, p. 382.
Celæna (?) *imparata.* Walker: x. 268 (1856).
Graphiphora implexa. Walker: x. 405.
Hadena plusiata. Walker: xxxiii. 742 (1865).
Xylina collaris. Walker: xxxiii. 752.
Nitocris bicomma. Guen.: Ent. Mo. Mag. v. p. 4 (1868).

Type. New Zealand, in B. M.
Type (*implexa*). New Zealand, in B. M.
Type (*plusiata*). Auckland, in B. M.
Type (*collaris*). Moreton Bay, in B. M.
a. Tasmania (type *imparata*).

1458. Chera c. nigrum.

Phalæna-Noctua c. nigrum. Linn.: Syst. Nat., p. 852 (1758).
Noctua c. nigrum. Schiff: Wien. Verz., 77. 7 (1776).
Megasema c. nigrum. Hübn.: Verz., 223. 2231 (1816).
Graphiphora c. nigrum. Steph.: Ill. Brit. Ent. Haust., ii. p. 136 (1829).
——— Westw. and H.: Brit. Moths, ii. p. 132, pl. 26, f. 4, 5 (1844).
——— Walker: x. 389 (1856).
——— Moore: P. Z. S., Lond., 1867, p. 54.
——— Butler: Ann. Mag. N. H. (5), v. p. 224 (1880).
——— P. Z. S., Lond., 1883, p. 161.
——— Swinhoe: P. Z. S., Lond., 1885, p. 453.
——— C. and S.: Cat. Moths of India, iii. 311. 2016 (1888).
——— Leech: P. Z. S., Lond., 1889, p. 496.
——— Hmn.: Ill. Typ. Lep. Het., B. M., viii. 14. 394 (1891).
Amathes c. nigrum. Hampson: l. c., ix. 18. 395 (1893).
Agrotis c. nigrum. Hampson: Faun. Brit. Ind. Moths, ii. p. 188 (1894).
——— Meyrick: Hand. Brit. Lep., p. 99 (1895).
Chera c. nigrum. Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 40.
Bombyx non-atrum. Esper.: Schm. Eur., iii. Text, p. 385 (1782).
——— Bork.: Eur. Schm., p. 195 (1788).
Noctua gothica, var. singularis. Esper.: Schm. Eur., iii. pl. 76, f. 3 (1782).
a. Indore (Hearsay). b. Nilgiri Hills.

1459. Chera flammatra.

Noctua flammatra. Fabr.: Mant. Ins., ii. 155. 147 (1787).
——— Ent. Syst., iii. 2. 67. 190 (1794).
Phalæna flammatra. Linn.: Syst. Nat., i. 5. 2543. 1034 (1788).
Orygia flammatra. Hübn.: Verz., 225. 2252 (1816).
Ochropleura flammatra. Guen.: Noct., i. 327. 544 (1852).
——— Walker: x. 408 (1856).
——— Moore: P. Z. S., Lond., 1867, p. 55.
——— Cotes and Swinh.: Cat. Moths of India, iii. 313. 2024 (1888).
Agrotis flammatra. Hampson: Faun. Brit. Ind. Moths, ii. p. 189 (1894).
——— Meyrick: Hand. Brit. Lep., p. 99 (1895).
Agrotis basiclavis. Walker: x. 346 (1856), and xi. 740 (1857).

Type (*basiclavis*). India, in B. M.
a. India (2). b. Indore (4) (Hearsay). c. Nilgiri Hills.

1460. Chera triangularis.

Ochropleura triangularis. Moore: P. Z. S., Lond., 1867, p. 55.
——————— Swinhoe: P. Z. S., Lond., 1885, p. 453.
——————— Butler: P. Z. S., Lond., 1886, p. 380.
——————— Cotes and Swinh.: Cat. Moths of India, iii. 313. 2027 (1888).
——————— Hampson: Ill. Typ. Lep. Het., B. M., viii. 14. 395 (1891).
Agrotis triangularis. Hampson: Faun. Brit. Ind. Moths, ii. p. 189 (1894).

Type. Darjiling, in coll. Staudinger.
a. India.

GENUS **DASYGASTER.** Guen.: Noct., i. p. 201 (1852).

1461. Dasygaster hollandiæ.

Dasygaster hollandiæ. Guen.: l. c., 201. 319.
——————— Walker: ix. 241 (1856).
——————— Butler: Entom., xxv. p. 10 (1892).
Dasygaster leucanioides, var. D. Guen.: l. c., 202. 320.
Graphiphora (?) *facilis.* Walker: xi. 745 (1857).

Type (*facilis*). Tasmania, in B. M.
a. Van Diemen's Land.

1462. Dasygaster leucanioides.

Dasygaster leucanioides. Guen.: Noct., i. 202. 320 (1852).
——————— Walker: ix. 241 (1856).

a. Van Diemen's Land.

GENUS **NÆNIA.** Steph.: Ill. Brit. Ent. Haust., ii. 165 (1828).

1463. Nænia contaminata.

Graphiphora contaminata. Walker: xxxiii. 710 (1865).
Nænia contaminata. Leech: Trans. Ent. Soc., Lond., 1889, p. 135.
——————— P. Z. S., Lond., 1889, p. 542.

Type. Shanghai, in B. M.
a. N. China. b. Nikko, Japan (Sansom). c. Asamayama, Japan (Sansom).

GENUS **APLECTOIDES.** Butler: Ann. Mag. N. H. (5), i. p. 193 (1878).

1464. Aplectoides nitida.

Aplectoides nitida. Butler: l. c., p. 194.
——————— Ill. Typ. Lep. Het., B. M., iii. p. 16, pl. 45, f. 1 (1879).
——————— Leech: P. Z. S., Lond., 1889, p. 510.

Type. Yokohama, in B. M.
a. Yokohama (2).

GENUS **AMPHIPYRA.** Ochs.: Schm. Eur., iv. p. 70 (1816).

1465. Amphipyra monolitha.

Amphipyra monolitha. Guen.: Noct., ii. 414. 1279 (1852).
——————— Walker: xiii. 1018 (1857).
——————— Moore: P. Z. S., Lond., 1867, p. 64.
——————— C. and S.: Cat. Moths of India, iii. 346. 2258 (1888).
——————— Hmn.: Faun. Brit. Ind. Moths, ii. p. 191 (1894).
Amphipyra surnia. Felder: Reise Nov. Lep., pl. 112, f. 17 (1873).
Amphipyra pyramidea. Leech (nec Linn.): Trans. Ent. Soc., Lond., 1889, p. 135.
——————— P. Z. S., Lond., 1889, p. 539.

Type (*surnia*). Japan, in coll. Rothschild.
a. Japan (2).

1466. Amphipyra magna.

Amphipyra magna. Walker: xxxiii. 868 (1865).
——————— C. and S.: Cat. Moths of India, iii. 346. 2257 (1888).
——————— Hampson: Faun. Brit. Ind. Moths, ii. p. 191 (1894).
Amphipyra chalcoptera. Felder: Reise Nov. Lep., pl. 112, f. 18 (1873).
——————— Cotes and Swinh.: l. c., 2254.

Type. N. India, in B. M.
Type (*chalcoptera*). Rampur, in coll. Rothschild.
a. India.

1467. Amphipyra livida.

Noctua livida. Schiff: Wien. Verz., 85. 13. 313 (1776).
——————— Fabr.: Mant. Ins., ii. 138. 32 (1787).
——————— Ent. Syst., iii. 2. 21. 42 (1794).
——————— Bork.: Eur. Schm., iv. 726. 324 (1792).
——————— Rossi: Mant., 389 (1794).
——————— Hübn.: Eur. Schm. Noct., pl. 8, f. 38 (1810).
——————— God.: Lep. Fr., vi. pl. 57, f. 1 (1823).
——————— Meig.: Syst. Besch., iii. 137. 100, pl. 102, f. 12 (1832).
Noctua-Phalæna livida. Gmel.: ed. Syst. Nat., i. 5. 2535. 999 (1787).
Amphipyra livida. Treit.: Schm. Eur., v. 281. 3 (1825).
——————— Guen.: Noct., ii. 415. 1282 (1852).
——————— Walker: xiii. 1016 (1857).
——————— Leech: Trans. Ent. Soc., Lond., 1889, p. 135.
——————— Hampson: Faun. Brit. Ind. Moths, ii. p. 191 (1894).
Scotophila livida. Boisd.: Ind. Méth., 99. 747 (1840).
Amphipyra corvina. Motsch: Bull. Soc. Nat. Mosc. xxxix. 1, 194 (1866).
——————— Leech: P. Z. S., Lond., 1889, p. 540.
Amphipyra corvus. Moore: Descr. Ind. Lep. Atk., p. 154 (1882).
——————— C. and S.: Cat. Moths of India, iii. 346. 2255 (1888).

a. Japan (2).

1468. Amphipyra erebina.

Amphipyra erebina. Butler: Ann. Mag. N. H. (5), i. p. 287 (1878).
——————— Ill. Typ. Lep. Het., B. M., iii. p. 23, pl. 46, f. 12 (1879).

Amphipyra perflua. Leech: (part) P. Z. S., Lond., 1889, p. 540.
Type. Yokohama, in B. M.
a. Yokohama (2).

GENUS **ORTHOGONIA.** Felder: Wien. Ent. Mon., vi. p. 38 (1862).

1469. Orthogonia sera.

Orthogonia sera. Felder, l. c.
———— Reise Nov. Lep., pl. 112, f. 15 (1873).
———— Leech: P. Z. S., Lond., 1889, p. 541.
———— Trans. Ent. Soc., Lond., 1889, p. 135.
Orthogonia crispina. Butler: Ann. Mag. N. H. (5), i. p. 288 (1878).
———— Ill. Typ. Lep. Het., B. M., ii. p. 36, pl. 32, f. 6 (1878).
Type. Ningpo, in coll. Rothschild.
Type (*crispina*). Yokohama, in B. M.
a. Yohohama. b. Nanchuan, China.

GENUS **PERINÆNIA.** Butler: Ann. Mag. N. H. (5), i. p. 289 (1878).

1470. Perinænia lignosa.

Perinænia lignosa. Butler: l. c.
———— Ill. Typ. Lep. Het., B. M., ii. p. 37, pl. 32, f. 7 (1878).
———— Leech: P. Z. S., Lond., 1889, p. 541.
Type. Yokohama, in B. M.
a. N. China.

GENUS **AUCHA.** Walker: xiii. 1137 (1857).

1471. Aucha triphænoides.

Briarda triphænoides. Walker: xxxiii. 895 (1865).
Type. Moreton Bay, in B. M.
a. Moreton Bay.

GENUS **HYPERNÆNIA.** Hampson: Faun. Brit. Ind. Moths, ii. p. 194 (1894).

1472. Hypernænia atrovirens.

Diphtera atrovirens. Walker: xxxii. 614 (1865), and xxxv. 1952 (1866).
———— Moore: P. Z. S., Lond., 1867, p. 45.
———— C. and S.: Cat. Moths of India, iii. 276. 1758 (1888).
Hypernænia atrovirens. Hmn.: Faun. Brit. Ind. Moths, ii. p. 195 (1894).
Type. Darjiling, in coll. Staudinger.
a. India (5).

1473. Hypernænia nigroviridis.

Diphtera nigroviridis. Walker: xxxii. 615 (1865), and xxxv. 1952 (1866).
———— Moore: P. Z. S., Lond., 1867, p. 46.

Diphtera nigroviridis. C. and S.: Cat. Moths of India, iii. 276. 1761 (1888).
Hypernænia nigroviridis. Hmn.: Faun. Brit. Ind. Moths, ii, p. 195 (1894).

Type. Darjiling, in coll. Staudinger.
a. India (2).

GENUS **HERMONASSA.** Walker: xxxii. 631 (1865).

1474. Hermonassa consignata.

Hermonassa consignata. Walker: xxxii. 632.
——————— Moore: P. Z. S., Lond., 1867, p. 49.
——————— Cotes and Swinh.: Cat. Moths of India, iii. 314. 2034 (1888).
——————— Hmn.: Faun. Brit. Ind. Moths, ii. p. 196 (1894).
Hermonassa lunata. Moore: Descr. Ind. Lep. Atk., p. 120 (1882).
——————— Cotes and Swinh.: l. c., 315. 2037.

Type. Darjiling, in coll. Staudinger.
Type (*lunata*). Kashmir, in coll. Staudinger.
a. India.

1475. Hermonassa lanceola.

Hadena lanceola. Moore: P. Z. S., Lond., 1867, p. 59.
——————— C. and S.: Cat. Moths of India, iii. 301. 1938 (1888).
Hermonassa lanceola. Hmn.: Faun. Brit. Ind. Moths, ii. p. 197 (1894).

Type. Bengal, in B. M.
a. India.

GENUS **HOPORINA.** Boisd.: Ind. Méth., p. 147 (1840).

1476. Hoporina sericea.

Hoporina sericea. Butler: Ann. Mag. N. H. (5), i. p. 168 (1878).
——————— Ill. Typ. Lep. Het., B. M., ii. p. 31, pl. 30, f. 10 (1878).
Oporina croceago. Leech (nec Fabr.): P. Z. S., Lond., 1889, p. 516.

Type. Yokohama, in B. M.
a. Yokohama (2) (Sansom).

GENUS **HADENA.** Schrank: Fauna Boica, ii. 2, p. 158 (1802).
Mamestra. Ochs.: Schm. Eur., iv. p. 76 (1816).
Neuria. Guen.: Ann. Soc. Ent. Fr., x. p. 241 (1841).

1477. Hadena consanguis.

Hadena consanguis. Guen.: Noct., ii. 97. 810 (1852).
——————— Walker: xi. 593 (1857).
——————— Hampson: Faun. Brit. Ind. Moths, ii. p. 199 (1894).
——————— Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 40.
Apamea consanguis. Moore: Lep. Ceylon, iii. p. 28 (1884).
——————— C. and S.: Cat. Moths of India, iii. 316. 2050 (1888).
——————— Hmn.: Ill. Typ. Lep. Het., B. M., viii. 15. 402 (1891).
Mamestra consanguis. Butler: Trans. Ent. Soc., Lond., 1889, p. 386.

Mamestra consanguis. Hampson : l. c., ix. 18. 404 (1893).
Apamea undicilia. Walker : ix. 251 (1856).
———— Butler : P. Z. S., Lond., 1883, p. 159.

Type (*undicilia*). Ceylon, in B. M.
a. Indore (3) (Hearsay).

1478. Hadena incisa.

Neuria incisa. Moore : P. Z. S., Lond., 1881, p. 344.
———— Butler : P. Z. S., Lond., 1883, p. 158.
———— Cotes and Swinh. : Cat. Moths of India, iii. 330. 2144 (1888).
Hadena incisa. Hampson : Faun. Brit. Ind. Moths, ii. p. 201 (1894).
———— Swinhoe : Trans. Ent. Soc., Lond., 1895, p. 40.
Neuria auripicta. Butler : Ill. Typ. Lep. Het., B. M., vii. p. 53, pl. 127, f. 3 (1889).

Type. Solon, Simla, in B. M.
Type (*auripicta*). Dharmsala, in B. M.
a. Khasia Hills.

1479. Hadena nigerrima.

Mamestra nigerrima. Guen. : Noct., i. 200. 318 (1852).
———— Walker : ix. 237 (1856).

a. New South Wales. b. Swan River. c. Sydney.
d. Van Diemen's Land (2).

1480. Hadena kala.

Mamestra nigerrima. Warren (præocc.) : P. Z. S., Lond., 1888, p. 302.
———— Cotes and Swinh. : Cat. Moths of India, vi. 751. 2076 A (1889).
Hadena nigerrima. Hampson : Faun. Brit. Ind. Moths, ii. p. 202 (1894).

Type. Thundiani, Punjab, in B. M.
a. Thundiani (Yerbury).

1481. Hadena ferrisparsa.

Hadena ferrisparsa. Hampson : Faun. Brit. Ind. Moths, ii. p. 201 (1894).

Type. Simla, in B. M.
a. India.

1482. Hadena brassicæ.

Phalæna-Noctua brassicæ. Linn. : Syst. Nat., p. 852 (1759).
Noctua brassicæ. Schiff : Wien. Verz., 81. 21 (1776).
Mamestra brassicæ. Treit. : Schm. Eur., v. (2), 150. 9 (1825).
———— Walker : ix. 230 (1856).
———— Butler : P. Z. S., Lond., 1883, p. 159.
———— C. and S. : Cat. Moths of India, iii. 319. 2069 (1888).
———— Leech : P. Z. S., Lond., 1889, p. 486.
Hadena brassicæ. Boisd. : Ind. Méth., 118. 915 (1840).
———— Hampson : Faun. Brit. Ind. Moths, ii. p. 202 (1894).
Melanchra brassicæ. Meyrick : Hand. Brit. Lep., p. 86 (1895).
Noctua albidilinea. Haw. : Lep. Brit., p. 191 (1802).

a. Asama-yama, Japan (Sansom). b. Nikko, Japan (Sansom).
c. Perak.

1483. Hadena aspera.

Hadena aspera. Walker: xi. 601 (1857).

Type. Australia, in B. M.
a. Australia.

1484. Hadena nictitans.

Phalæna-Noctua nictitans. Linn.: Faun. Suec., 1215 (1748).
Noctua nictitans. Esper.: Schm. Eur., pl. 125, f. 5 (1786).
Sideridis nictitans. Hübn.: Verz., 232. 2329 (1816).
Apamea nictitans. Treit.: Schm. Eur., ii. 83 (1825).
Hydræcea nictitans. Guen.: Ann. Soc. Ent. Fr., vi. 6. 237 (1837).
——————— Walker: ix. 159 (1856).
——————— Leech: P. Z. S., Lond., 1889, p. 484.
Gortyria nictitans. Herr. Schäff.: Eur. Schm., ii. 219. 116 (1845).
Hadena nictitans. Meyrick: Hand. Brit. Lep., p. 127 (1895).

a. Japan (3).

1485. Hadena scolopacina.

Noctua scolopacina. Esper.: Schm. Eur., iv. pl. 130, f. 1 (1786).
Xylina scolopacina. Treit.: Schm. Eur., iii. 33 (1826).
Xylophasia scolopacina. Dup.: Hist. Nat. Lep. Fr., iv. 201, pl. 113 (1823).
——————— Walker: ix. 175 (1856).
——————— Leech: P. Z. S., Lond., 1889, p. 487.
Luperina scolopacina. Boisd.: Ind. Méth., 114. 881 (1840).
Hadena scolopacina. Meyrick: Hand. Brit. Lep., p. 132 (1895).

a. Japan (2).

Genus **SEMIOPHORA.** Steph.: Ill. Brit. Ent. Haust., ii. p. 138 (1829).

Tæniocampa. Guen.: Ann. Soc. Ent. Fr., viii. p. 477 (1839).

1486. Semiophora carnipennis.

Tæniocampa carnipennis. Butler: Ann. Mag. N. H. (5), i. p. 167 (1878).
——————— Ill. Typ. Lep. Het., B. M., ii. p. 30, pl. 30, f. 6 (1878).
——————— Leech: P. Z. S., Lond., 1889, p. 511.

Type. Yokohama, in B. M.
a. Nikko, Japan (Sansom).

1487. Semiophora lizetta.

Orthosia lizetta. Butler: Ann. Mag. N. H. (5), i. p. 167 (1878).
——————— Ill. Typ. Lep. Het., B. M., ii. p. 30, pl. 30, f. 8 (1878).
——————— Leech: P. Z. S., Lond., 1889, p. 514.

Type. Yokohama, in B. M.
a. Asama-yama, Japan (Sansom).

Genus **METERANA.** Butler: P. Z. S., Lond., 1877, p. 385.

1488. Meterana pictula.

Dianthecia pictula. White: Taylor's N. Zeal. and its inhabitants, pl. 1, f. 3 (1855).
Hadena pictula. Walker: xi. 601 (1857).
Meterana pictula. Butler: l. c., p. 386, pl. 42, f. 1.

a. South Island, New Zealand.

Genus **EREMOCHROA.** Meyrick: Trans. Ent. Soc., Lond., 1897, p. 368.

1489. Eremochroa alphitias.

Eremochroa alphitias. Meyrick: l. c., p. 369.

Type. Adelaide, in coll. Meyrick.
a. South Australia.

Genus **EUPLEXIA.** Steph.: Ill. Brit. Ent. Haust., iii. p. 3 (1829).
Luperina. Boisd.: Ind. Méth., p. 113 (1840).
Prospalta. Walker: xiii. 1114 (1857).
Triphænopsis. Butler: Ann. Mag. N. H. (5), i. p. 163 (1878).
Karana. Moore: Descr. Ind. Lep. Atk., p. 106 (1882).
Chandata. Moore: l. c., p. 113.
Chutapha. Moore: l. c., p. 131.
Eurabila. Butler: Ill. Typ. Lep. Het., B. M., vii. p. 39 (1889).

1490. Euplexia subcurva.

Hadena subcurva. Walker: xi. 592 (1857).
Dipterygia subcurva. Moore: Lep. Ceylon, iii. p. 17, pl. 145, f. 8 (1884).
——————— C. and S.: Cat. Moths of India, iii. 315. 2043 (1888).
——————— Hmn.: Ill. Typ. Lep. Het., B. M., ix. 18. 400 (1893).
Euplexia subcurva. Hampson: Faun. Brit. Ind. Moths, ii. p. 212 (1894).
Hadena postica. Walker: xi. 594.
Xylina calida. Walker: Journ. Linn. Soc., Lond., vi. p. 195 (1862).
——————— xxxiii. 749 (1865).

Type. Ceylon, in B. M.
Type (*postica*). Ceylon, in B. M.
a. Sarawak, Borneo (type *calida*) (Wallace).

1491. Euplexia indistans.

Hadena indistans. Guen.: Noct., ii. 87. 786 (1852).
——————— Walker: xi. 592 (1857).
——————— Swinhoe: P. Z. S., Lond., 1885, p. 454.
——————— C. and S.: Cat. Moths of India, iii. 300. 1937 (1888).
——————— Hampson: Ill. Typ. Lep. Het., B. M., viii. 14. 371 (1891) and ix. 17. 378 (1893).

Astrapetis indistans. Moore: Lep. Ceylon, iii. p. 38, pl. 148, f. 5 (1884).
Euplexia indistans. Hampson: Faun. Brit. Ind. Moths, ii. p. 208 (1894).
———— Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 40.
Hadena inextricans. Walker: xv. 1729 (1858).
Hadena distans. Moore: Descr. Ind. Lep. Atk., p. 130 (1882).
———— Cotes and Swinh.: l. c., 300. 1935.

Type (*distans*). Darjiling in B. M.
a. India (type *inextricans*). b. Nilgiri Hills. c. Bombay.

1492. Euplexia niveiplaga. Pl. 1. f. 5.

Hadena niveiplaga. Walker: xi. 593 (1857).
———— C. and S.: Cat. Moths of India, iii. 301. 1940 (1888).
Euplexia niveiplaga. Hmn.: (part) Faun. Brit. Ind. Moths, ii. p. 208 (1894).
a. India (type).

1493. Euplexia conducta.

Caradrina conducta. Walker: x. 296 (1856).
Perigea conducta. Butler: Trans. Ent. Soc., Lond., 1890, p. 686.
———— Hampson: Ill. Typ. Lep. Het., B. M., viii. 15. 406 (1891), and ix. 18. 408 (1893).
———— Butler: Entom., xxv. p. 11 (1892).
Euplexia conducta. Hampson: Faun. Brit. Ind. Moths, ii. p. 211 (1894).
———— P. Z. S., Lond., 1896, p. 260.
Perigea centralis. Walker: xi. 734 (1857).
———— Forsayeth: Trans. Ent. Soc., Lond., 1884, p. 410.
———— Moore: Lep. Ceylon, iii. p. 28, pl. 147, f. 2, 2 *a* (1884).
———— Swinhoe: P. Z. S., Lond., 1885, p. 451, and 1886, p. 443.
———— Leech: P. Z. S., Lond., 1889, p. 492.
———— C. and S.: Cat. Moths of India, iii. 322. 2099 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 226.
Celæna serva. Walker: xv. 1689 (1858).
Perigea serva. Butler: P. Z. S., Lond., 1883, p. 159.
———— Swinhoe: P. Z. S., Lond., 1885, p. 451, and 1886, p. 443.
Hadena pauperata. Walker: xv. 1727.
Mamestra prodita. Walker: Journ. Linn. Soc., Lond., vi. p. 185 (1862).
———— xxxii. 658 (1865).
Mamestra dolorosa. Walker: xxxii. 667.
———— Butler: P. Z. S., Lond., 1883, p. 159.
———— Swinhoe: P. Z. S., Lond., 1885, p. 451, and 1886, p. 443.
———— Cotes and Swinhoe: l. c., 319. 2074.
———— Leech: Trans. Ent. Soc., Lond., 1889, p. 131.
Perigea dolorosa. Moore: Lep. Ceylon, iii. p. 546 (1887).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 226.
———— Butler: Trans. Ent. Soc., Lond., 1890, p. 687.
———— Hampson: Ill. Typ. Lep. Het., B. M., viii. 15. 405 (1891), and ix. 18. 407 (1893).
Euplexia dolorosa. Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 40.
Perigea inexacta. Walker: xxxii. 682.
Perigea canorufa. Walker: xxxii. 683.
Perigea illecta. Walker: xxxii. 684.
———— Leech: Trans. Ent. Soc., Lond., 1889, p. 131.

Hadena leonina. Walker: xxxiii. 735 (1865).
Hadena spargens. Walker: xxxiii. 739.
Hadena funesta. Walker: xxxiii. 740.
Hadena taprobanæ. Felder: Reise Nov., Lep. pl. 110, f. 3 (1872).
Perigia galaxia. Butler: P. Z. S., Lond., 1883, p. 159.
———— Cotes and Swinhoe: l. c., 323. 2100.

Type. Congo, in B. M.
Types (*centralis* and *galaxia*). Without locality, in B. M.
Types (*serva* and *dolorosa*). Ceylon, in B. M.
Type (*pauperata*). Port Natal, in B. M.
Type (*inexacta*). Cape, in B. M.
Type (*canorufa*). S. India, in B. M.
Type (*illecta*). N. India, in B. M.
Type (*leonina*). Sierra Leone, in B. M.
Type (*spargens*). Moulmein, in B. M.
Type (*funesta*). Moreton Bay, in B. M.
Type (*taprobanæ*). Ceylon, in coll. Rothschild.
a. Sarawak, Borneo (type *prodita*) (Wallace). b. Tondano (Wallace), marked *indistincta*, Walker, MS. c. Nilgiri Hills. d. N. China (2). e. Indore (Hearsay).

1494. Euplexia albomaculata.

Mamestra albomaculata. Moore: P. Z. S., Lond., 1867, p. 52.
———— Walker: xxxv. 1957 (1866).
Prospalta albomaculata. Cotes and Swinh.: Cat. Moths of India, iii. 320. 2083 (1888).
Euplexia albomaculata. Hmn.: Faun. Brit. Ind. Moths, ii. p. 211 (1894).
———— Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 41.
Prospalta stellata. Moore: Descr. Ind. Lep. Atk., p. 111 (1882).
———— Cotes and Swinh.: l. c., 321. 2085.

Type. Darjiling, in coll. Russell.
Type (*stellata*). Darjiling, in coll. Staudinger.
a. India.

1495. Euplexia leucospila. Pl. 1. f. 3.

Prospalta leucospila. Walker: xiii. 1114 (1857).
———— Moore: P. Z. S., Lond., 1881, p. 347.
———— Cotes and Swinh.: Cat. Moths of India, iii. 321. 2084 (1888).
Euplexia leucospila. Hampson: Faun. Brit. Ind. Moths, ii. p. 212 (1894).
———— Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 40.

a. India (type).

1496. Euplexia saliaris.

Apamea saliaris. Guen.: Noct., i. 212. 335 (1852).
———— Walker: ix. 252 (1856).

a. Van Diemen's Land (3). b. Tasmania.

1497. Euplexia spilophanes. Meyrick, M. S. Pl. 1, f. 6.

Chocolate brown, fore-wings with an indistinct pale ringed orbicular, and a prominent pale ochreous reniform, the entire wing

covered with pale pinkish suffusions, transverse lines pale ochreous, sinuous, 1st sub-basal, indistinct; 2nd ante medial, touching the inner side of the orbicular; 3rd post medial, from near the end of the ante medial line on the hinder margin, curving outwards and branching into a large ring round the reniform; 4th sub-marginal, curved outwards in its centre and terminating in a prominent double streak from the apex; hind-wings paler and more pure brown colour, without markings; cilia ochreous, variegated with brown.

Expanse of wings $1\frac{4}{10}$ inches.

a. Van Diemen's Land (type).

Allied to *E. spumigera* (Guen.).

1498. Euplexia melanospila.

Trachea melanospila. Koll.: Hügel's Kaschmir, iv. p. 480 (1844).
Euplexia melanospila. Hampson: Faun. Brit. Ind. Moths, ii. p. 214 (1894).
———— Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 41.
Trachea atriplicis. Koll. (nec Linn.): l. c., p. 479.
Eurois auriplena. Walker: xi. 557 (1857).
———— Moore: P. Z. S., Lond., 1867, p. 58.
———— C. and S.: Cat. Moths of India, iii. 299. 1925 (1888).
———— Hmn.: Ill. Typ. Lep. Het., B. M., viii. 14. 370 (1891).
Hadena auriplena. Butler: P. Z. S., Lond., 1881, p. 618.
———— Leech: P. Z. S., Lond., 1889, p. 508.
Trachea auriplena. Moore: Lep. Ceylon, iii. p. 37, pl. 148, f. 2 (1884).
———— Hampson: l. c., ix. 17. 377 (1893).
Euplexia auriplena. Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 41.

Type (*auriplena*). Ceylon, in B. M.

a. India. b. Khasia Hills. c. Darjiling (Möwis).

1499. Euplexia atriplicis.

Phalæna-Noctua atriplicis. Linn.: Syst. Nat., x. p. 517 (1767).
Noctua atriplicis. Esper.: Schm. Eur., iv. pl. 163, f. 1–3 (1786).
Trachea atriplicis. Hübn.: Verz., p. 219 (1816).
———— Leech: P. Z. S., Lond., 1889, p. 510.
Hadena atriplicis. Guen.: Noct., ii. p. 99 (1852).
———— Meyrick: Hand. Brit. Lep., p. 128 (1895).
Polia atriplicis. Herr. Schäff.: Schm., ii. p. 263 (1854).
Hadena gnoma. Butler: Ann. Mag. N. H. (5), i. p. 195 (1878).
———— Ill. Typ. Lep. Het., B. M., ii. p. 32, pl. 31, f. 7 (1878).

Type (*gnoma*). Yokohama, in B. M.

a. Yokohama (2).

The Japanese examples are larger than the European, but otherwise are identical.

1500. Euplexia aurigera.

Berrhæa aurigera. Walker: xv. 1721 (1858).
———— Moore: P. Z. S., Lond., 1881, p. 356.
———— Descr. Ind. Lep. Atk., p. 128 (1882).
———— C. and S.: Cat. Moths of India, iii. 301. 1946 (1888).
Euplexia aurigera. Hampson: Faun. Brit. Ind. Moths, ii. p. 215 (1894).

Hadena megastigma. Walker: xxxiii. 738 (1865), and xxxv. 1961 (1866).
——————— Moore: P. Z. S., Lond., 1867, p. 58.
Berrhæa megastigma. Moore: l. c., 1881, p. 356.
——————— Descr. Ind. Lep. Atk., p. 129.
——————— Cotes and Swinh.: l. c., 302. 1947.
——————— Hmn.: Ill. Typ. Lep. Het., B. M., viii. 14. 375 (1891).
Trachea megastigma. Butler: Trans. Ent. Soc., Lond., 1890, p. 674.
Berrhæa olivacea. Moore: l. c., 1881, p. 357.
——————— Descr. Ind. Lep. Atk., p. 129.
——————— Cotes and Swinh.: l. c., 1948.

Type. India, in B. M.
Type (*megastigma*). Darjiling, in coll. Staudinger.
Type (*olivacea*). Darjiling, in B. M.
a. India (3).

1501. Euplexia albinota.

Hadena albinota. Moore: P. Z. S., Lond., 1867, p. 58.
Berrhæa albinota. Moore: l. c., 1881, p. 356.
——————— Descr. Ind. Lep. Atk., p. 129 (1882).
——————— C. and S.: Cat. Moths of India, iii. 301. 1945 (1888).
Euplexia albinota. Hampson: Faun. Brit. Ind. Moths, ii. p. 215 (1894).

Type. Bengal, in B. M.
a. India.

1502. Euplexia literata.

Dianthecia literata. Moore: Descr. Ind. Lep. Atk., p. 124 (1882).
——————— C. and S.: Cat. Moths of India, iii. 302. 1952 (1888).
Euplexia literata. Hampson: Faun. Brit. Ind. Moths, ii. p. 215 (1894).

Type. Darjiling, in coll. Staudinger.
a. India.

1503. Euplexia albovittata.

Euplexia albovittata. Moore: P. Z. S., Lond., 1867, p. 57, pl. 6, f. 16.
——————— Walker: xxxv. 1960 (1866).
——————— Butler: Ann. Mag. N. H. (5), v. p. 225 (1880).
——————— Cotes and Swinh.: Cat. Moths of India, iii. 303. 1956 (1888).
——————— Leech: P. Z. S., Lond., 1889, p. 504.
——————— Hmn.: Ill. Typ. Lep. Het., B. M., viii. 14. 377 (1891).
——————— Hampson: Faun. Brit. Ind. Moths, ii. p. 217 (1894).

Type. Darjiling, in coll. Russell.
a. India (2).

1504. Euplexia confecta.

Triphæna confecta. Walker: xv. 1705 (1858).
Epilecta confecta. C. and S.: Cat. Moths of India, iii. 313. 2028 (1888).
Euplexia confecta. Hampson: Faun. Brit. Ind. Moths, ii. p. 219 (1894).
Agrotis (?) *hyblæa.* Felder: Reise Nov. Lep., pl. 108, f. 43 (1872).
——————— Cotes and Swinh.: l. c., 307. 1989.
Eliochræa curtipalpis. Butler: Ill. Typ. Lep. Het., B. M., vii. p. 74, pl. 131, f. 7–8 (1889).

Type (*hyblæa*). N. W. Himalayas, in coll. Rothschild.
Type (*curtipalpis*). Dharmsala, in B. M.
a. India (type).

1505. Euplexia spumigera.

Apamea spumigera. Guen.: Noct., i. 212. 336 (1852).
———— Walker: ix. 252 (1856).

a. Van Diemen's Land.

1506. Euplexia sepultrix.

Mamestra sepultrix. Guen.: Noct., i. 200. 317 (1852).
———— Walker: ix. 237 (1856).
Euplexia sepultrix. Butler: Trans. Ent. Soc., Lond., 1890, p. 675.
Hadena expulsa. Guen.: Noct., ii. 93. 800 (1852).
Euplexia emergens. Walker: xi. 544 (1857).
Hadena lutra. Walker: xi. 598.

Types (*emergens* and *lutra*). Tasmania, in B. M.
a. Van Diemen's Land (2).

1507. Euplexia confundens.

Euplexia confundens. Walker: xi. 544 (1857).
———— Butler: Trans. Ent. Soc., Lond., 1890, p. 674.
Euplexia exclusa. Walker: xi. 545.
Hadena familiaris. Walker: xi. 597.
Hadena punctisigna. Walker: xi. 600.
Acronycta (?) *tinctipennis.* Walker: xv. 1655 (1858).

Type. Tasmania, in B. M.
Types (*exclusa*, *familiaris*, and *punctisigna*). Tasmania, in B. M.
a. Tasmania (type *tinctipennis*). b. Van Diemen's Land.

1508. Euplexia vexata.

Xylina vexata. Walker: xxxiii. 755 (1865).

Type. Auckland, in B. M.
a. North Island, New Zealand (2).

1509. Euplexia insignis.

Euplexia insignis. Walker: xxxiii. 724 (1865).
———— Butler: P. Z. S., Lond., 1877, p. 385.
———— Cist. Ent., ii. p. 491 (1879).
———— Meyrick: Trans. N. Zeal. Inst., xx. p. 45 (1888).
Nyssocnemis insignis. Butler: Trans. Ent. Soc., Lond., 1890, p. 675.
Xylina turbida. Walker: xxxiii. 754.
Hadena skelloni. Butler: Cist. Ent., ii. p. 547 (1880).

Type. Auckland, in B. M.
Type (*turbida*). Auckland, in B. M.
Type (*skelloni*). Blenheim, New Zealand, in B. M.
a. North Island, New Zealand.

1510. Euplexia lignifusca.

Hadena lignifusca. Walker: xi. 603 (1857).

Hadena lignifusca. Butler: P. Z. S., Lond., 1877, p. 385.
Nyssocnemis lignifusca. Butler: Trans. Ent. Soc., Lond., 1890, p. 675.
Hadena mutans (*var.*). Walker: xi. 602.
Xylina spurcata. Walker: xi. 631.
Mamestra acceptrix. Felder: Reise Nov. Lep., pl. 109, f. 19 (1872).
Hadena debilis. Butler: P. Z. S., Lond., 1877, p. 385, pl. 42, f. 6.

Type. New Zealand, in B. M.
Types (*mutans* (*var.*), *spurcata*, and *debilis*). New Zealand, in B. M.
Type (*acceptrix*). New Zealand, in coll. Rothschild.
a. South Island, New Zealand. b. New Zealand.

1511. Euplexia prolifera.

Mamestra prolifera. Walker: ix. 238 (1856).
Apamea vitiosa. Butler: P. Z. S., Lond., 1877, p. 384, pl. 42, f. 3.

Type (*vitiosa*). South Island, New Zealand, in B. M.
a. New South Wales (type).

Genus **ANCARA.** Walker: xv. 1714 (1858).

1512. Ancara replicans.

Ancara replicans. Walker: xv. 1715.

Type. Borneo, in B. M.
a. Sarawak, Borneo (Wallace).

1513. Ancara obliterans.

Ancara obliterans. Walker: xv. 1721 (1858).
——————— Hampson: Ill. Typ. Lep. Het., B. M., viii. 14. 374, pl. 143, f. 19 (1891) and ix. 17. 380 (1893).
——————— Faun. Brit. Ind. Moths, ii. p. 223 (1894).
Ancara punctiplaga. Walker: Journ. Linn. Soc., Lond., vi. p. 191 (1862).
——————— xxiii. 745 (1865).

Type. Sarawak, Borneo, in B. M.
a. Sarawak (type *punctiplaga*) (Wallace).

Genus **SYDIVA.** Moore: Descr. Ind. Lep. Atk., p. 95 (1882).

1514. Sydiva nigrogrisea.

Sydiva nigrogrisea. Moore: l. c., p. 96.
——————— C. and S.: Cat. Moths of India, iii. 260. 1649 (1888).
Ancara nigrogrisea. Hampson: Faun. Brit. Ind. Moths, ii. p. 224 (1894).

Type. Darjiling, in B. M.
a. India.

Genus **DATA.** Walker: Journ. Linn. Soc., Lond., vi. p. 191 (1862).

1515. Data thalpophiloides.

Data thalpophiloides. Walker: l. c., p. 192.
——————— xxxiii. 745 (1865).

Ancara thalpophiloides. Hmn.: Faun. Brit. Ind. Moths, ii. p. 225 (1894).
Thalpophila cuprea. Moore: P. Z. S., Lond., 1877, p. 604, pl. 59, f. 10.
——————— C. and S.: Cat. Moths of India, iii. 316. 2046 (1888).
Thalpophila delineata. Moore: Lep. Ceylon, iii. p. 25, pl. 146, f. 5 (1884).
——————— Cotes and Swinh.: l. c., 316. 2047.
——————— Hmn.: Ill. Typ. Lep. Het., B. M., ix. 18. 403 (1893).

Type (*cuprea*). Andaman Islands, in B. M.
Type (*delineata*). Ceylon, in B. M.
a. Sarawak, Borneo (type) (Wallace). b. Sarawak (3) (Wallace).

1516. Data harfordi.

Ancara harfordi. Hampson: Faun. Brit. Ind. Moths, ii. p. 224 (1894).

Type. Simla, in B. M.
a. India.

Genus **DESANA.** nov.

Antennæ bipectinated in male; eyes without lashes, fore-wing with the costa bent round at the base, hind-wing with veins 3 and 4 and 6 and 7 from the angles of cell, 5 from the middle, legs smoothly scaled; allied to Ancara.

1517. Desana peninsulata. Pl. 1. f. 12.

Plusia peninsulata. Walker: xxxiii. 840 (1865).

a. Mysol (type) (Wallace).

Genus **SASUNAGA.** Moore: P. Z. S., Lond., 1881, p. 342.

1518. Sasunaga tenebrosa.

Hadena tenebrosa. Moore: l. c., 1867, p. 59.
Sasunaga tenebrosa. Moore: l. c., 1881, p. 343.
——————— Descr. Ind. Lep. Atk., p. 106 (1882).
——————— Lep. Ceylon, iii. p. 16, pl. 145, f. 7 (1884).
——————— Swinhoe: P. Z. S., Lond., 1885, p. 451.
——————— C. and S.: Cat. Moths of India, iii. 315. 2044 (1888).
——————— Hampson: Ill. Typ. Lep. Het., B. M., viii. 15. 400 (1891), and ix. 18. 402 (1893).
——————— Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 42.
Magusa tenebrosa. Hampson: Faun. Brit. Ind. Moths, ii. p. 226 (1894).

Type. Bengal, in coll. Russell.
a. Indore (Hearsay). b. Khasia Hills (2).

Genus **EUROIS.** Hübn.: Verz., p. 217 (1816).

Checupa. Moore: P. Z. S., Lond., 1867, p. 60.

1519. Eurois fortissima.

Checupa fortissima. Moore: l. c., pl. 6, f. 5.
——————— C. and S.: Cat. Moths of India, iii. 305. 1972 (1888).

Eurois fortissima. Hampson: Faun. Brit. Ind. Moths, ii. p. 229 (1894).
Type. Darjiling, in coll. Staudinger.
a. India.

1520. Eurois luteifrons.

Dianthecia luteifrons. Walker: xi. 751 (1857), and xxxiii. 721 (1865).
——— C. and S.: Cat. Moths of India, iii. 302. 1953 (1888).
Eurois luteifrons. Hampson: Faun. Brit. Ind. Moths, ii. p. 227 (1894).
——— Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 42.
Type. N. India, in B. M.
a. Khasia Hills.

GENUS **CHIRIPHA.** Walker: ix. 200 (1856).

1521. Chiripha involuta.

Chiripha involuta. Walker: ix. 201.
——— C. and S.: Cat. Moths of India, iii. 329. 2141 (1888).
Eurois involuta. Hampson: Faun. Brit. Ind. Moths, ii. p. 230 (1894).
a. India (type).

1522. Chiripha chalybeata.

Mamestra chalybeata. Walker: xxxii. 665 (1865).
——— Moore: P. Z. S., Lond., 1867, p. 52.
——— C. and S.: Cat. Moths of India, iii. 319. 2071 (1888).
Eurois chalybeata. Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 42.
——— Hmn.: Faun. Brit. Ind. Moths, iv. App. p. 510 (1896).
Mamestra suffusa. Moore: l. c.
——— Cotes and Swinh.: l. c., 320. 2081.
Type. Darjiling, in coll. Staudinger.
Type (*suffusa*). Bengal, in B. M.
a. India.

GENUS **POLIA.** Ochs.: Eur. Schm., iv. p. 73 (1816).
Crymodes. Guen.: Ann. Soc. Ent. Fr., 1841, p. 238.
Nikara. Moore: Descr. Ind. Lep. Atk., p. 126 (1882).

1523. Polia illoba.

Agrotis illoba. Butler: Ann. Mag. N. H. (5), i. p. 162 (1878).
——— Ill. Typ. Lep. Het., B. M., iii. p. 14, pl. 44, f. 7 (1879).
Gortyna illoba. Butler: Trans. Ent. Soc., Lond., 1890, p. 678.
Graphiphora illoba. Leech: P. Z. S., Lond., 1898, p. 498.
Graphiphora (?) *pacifica.* Butler: Ann. Mag. N. H. (5), i. p. 165.
——— Ill. Typ. Lep. Het., B. M., ii. p. 28, pl. 30, f. 2 (1878).
Type. Hakodaté, in B. M.
Type (*pacifica*). Yokohama, in B. M.
a. Japan

1524. Polia exusta.

Graphiphora exusta. Butler: Ann. Mag. N. H. (5), i. p. 164 (1878).
——————— Ill. Typ. Lep. Het., B. M., ii. p. 28, pl. 29, f. 11 (1878).
——————— Leech: P. Z. S., Lond., 1889, p. 496.

Type. Yokohama, in B. M.
a. Japan (5).

GENUS **DIPTERYGIA.** Steph.: Ill. Brit. Ent. Haust., ii. p. 167 (1829).

1525. Dipterygia ewingii.

Noctua (Xylophasia ?) ewingii. Westw.: Proc. Ent. Soc., Lond., ii. p. 55, pl. 20, f. 1 (1837).
Morrisonia ewingii. Butler: Trans. Ent. Soc., Lond., 1890, p. 657.
Cloantha composita. Guen.: Noct., ii. 114. 832 (1852).
Auchmis composita. Walker: xi. 616 (1857).
——————— Butler: Lep. N. Zeal., pl. 3, f. 12 (1874).
——————— P. Z. S., Lond., 1877, p. 386.
Mamestra maori. Felder: Reise Nov. Lep., pl. 109, f. 24 (1872).
Leucania dentigera. Butler: Cist. Ent., ii. p. 542 (1880).

Type (*maori*). N. Zealand, in coll. Rothschild.
Type (*dentigera*). Blenheim, N. Zealand, in B. M.
a. New South Wales. b. Van Diemen's Land (2). c. South Australia.

1526. Dipterygia indica.

Xylophasia indica. Walker: xxxii. 647 (1865).
Rhizogramma indica. C. and S.: Cat. Moths of India, iii. 329. 2138 (1888).
——————— Warren: P. Z. S., Lond., 1888, p. 302.
Dipterygia indica. Hampson: Faun. Brit. Ind. Moths, ii. p. 236 (1894).

Type. India, in coll. Norris.
a. India.

1527. Dipterygia vagivitta.

Dipterygia vagivitta. Walker: Journ. Linn. Soc., Lond., vi. p. 185 (1862).
——————— xxxii. 647 (1865).
Dipterygia indica. Moore: P. Z. S., Lond., 1867, p. 51.
——————— C. and S.: Cat. Moths of India, iii. 315. 2041 (1888).
Dipterygia nocturna. Hampson: Ill. Typ. Lep. Het., B. M., viii. p. 78, pl. 145, f. 19 (1891).
——————— Faun. Brit. Ind. Moths, ii. p. 235 (1894).
——————— Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 43.

Type (*indica*). Darjiling, in B. M.
Type (*nocturna*). Nilgiri Hills, in B. M.
a. Sarawak, Borneo (type) (Wallace). b. Sarawak (2) (Wallace). c. Cherra Punji.

1528. Dipterygia caliginosa.

Hadena caliginosa. Walker: xv. 1729 (1858).
Dipterygia caliginosa. Butler: Ann. Mag. N. H. (5), iv. p. 359 (1879).

Dipterygia pinastri. Leech (nec Linn.) : P. Z. S., Lond., 1889, p. 488.
Type. N. China, in B. M.
a. Asama-yama, Japan (2) (Sansom).

Genus **EUSCOTIA.** Butler: Ill. Typ. Lep. Het., B. M., vii. p. 47 (1889).

1529. Euscotia inextricata.

Rhizogramma inextricata. Moore: P. Z. S., Lond., 1881, p. 342.
——— Butler: P. Z. S., Lond., 1881, p. 619.
——— Warren: P. Z. S., Lond., 1888, p. 301.
——— Cotes and Swinh.: Cat. Moths of India, iii. 329. 2139 (1888).
——— Hampson: Ill. Typ. Lep. Het., B. M., viii. 15. 419 (1891).
——— Faun. Brit. Ind. Moths, ii. p. 237 (1894).
Type. Dalhousie, in B. M.
a. Kulu.

Genus **CUCULLIA.** Schrank: Fauna Boica, ii. 2, p. 157 (1802).
Callænia. Hübn.: Verz., p. 246 (1816).

1530. Cucullia elongata.

Callænia elongata. Butler: Ann. Mag. N. H. (5), vi. p. 67 (1880).
——— Ill. Typ. Lep. Het., B. M., vi. p. 11, pl. 103, f. 7 (1886).
——— C. and S.: Cat. Moths of India, ii. 222. 1528 (1887).
Cucullia albescens. Moore: P. Z. S., Lond., 1881, p. 357.
——— Cotes and Swinh.: l. c., iii. 356. 2336 (1888).
——— Hampson: Faun. Brit. Ind. Moths, ii. p. 238 (1894).
——— Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 43.
Cucullia atkinsoni. Moore: Descr. Ind. Lep. Atk., p. 131 (1882).
——— Cotes and Swinh.: l. c., 356. 2337.
Type. Darjiling, in B. M.
Type (*albescens*). Dalhousie, in B. M.
Type (*atkinsoni*). Darjiling, in coll. Rothschild.
a. India.

Genus **ACRONYCTA.** Ochs.: Eur. Schm., iv. p. 62 (1816).
Triæna. Hübn.: Verz., p. 200 (1816).
Hyboma. Hübn.: l. c.
Thalatha. Walker: Journ. Linn. Soc., Lond., vi. p. 187 (1862).
Plataplecta. Butler: Ann. Mag. N. H. (5), i. p. 195 (1878).
Tyracona. Moore: Descr. Ind. Lep. Atk., p. 95 (1882).
Pseudepunda. Butler: Trans. Ent. Soc., Lond., 1890, p. 672.

1531. Acronycta rumicis.

Phalæna (Noctua) rumicis. Linn.: Syst. Nat., i. 2. 516 (1767).
Acronycta rumicis. Treit.: Schm. Eur., i. 38 (1825).
——— Walker: ix. 49 (1856).

Acronycta rumicis. Leech: P. Z. S., Lond., 1889, p. 477.
——— Meyrick: Hand. Brit. Lep., p. 143 (1895).

a. Japan (2).

1532. Acronycta major.

Acronycta major. Brem.: Bull. de l'Acad., 1861, pl. 3.
——— Lep. Ost. Sib., p. 48, pl. 5, f. 7 (1864).
——— Leech: P. Z. S., Lond., 1889, p. 476.
Triæna anædina. Butler: Trans. Ent. Soc., Lond., 1881, p. 19.
Acronycta anædina. Hampson: Faun. Brit. Ind. Moths, ii. p. 240 (1894).
Triæna maxima. Moore: P. Z. S., Lond., 1881, p. 333.
——— C. and S.: Cat. Moths of India, iii. 278. 1771 (1888).
Acronycta maxima. Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 43.

Type (*anædina*). Tokei, in B. M.
Type (*maxima*). Punjab Hills, in B. M.
a. India.

1533. Acronycta pruinosa.

Acronycta pruinosa. Guen.: Noct., i. 53. 72 (1852).
——— Walker: ix. 64 (1856).
——— Moore: P. Z. S., Lond., 1867, p. 46.
——— Leech: P. Z. S., Lond., 1889, p. 476.
——— Hampson: Faun. Brit. Ind. Moths, ii. p. 242 (1894).
Plataplecta pruinosa. Moore: Lep. Ceylon, iii. p. 5, pl. 144, f. 3 (1884).
——— C. and S.: Cat. Moths of India, iii. 277. 1765 (1888).
Polia soluta. Walker: xxxiii. 723 (1865).
Plataplecta soluta. Butler: Ann. Mag. N. H. (5), i. p. 195 (1878).
Acronycta consanguis. Butler: l. c. (5), iv. p. 358 (1879).
Pharetra consanguis. Butler: P. Z. S., Lond., 1883, p. 155.
——— Cotes and Swinh.: l. c., ii. 122. 774 (1887).
——— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 155.

Type (*soluta*). N. India, in B. M.
Type (*consanguis*). Kasaoli, in B. M.
a. Japan.

1534. Acronycta rubiginosa.

Acronycta rubiginosa. Walker: Journ. Linn. Soc., Lond., vi. p. 178 (1862).
——— xxxii. 617 (1865).
Triæna denticulata. Moore: P. Z. S., Lond., 1888, p. 408.
——— Cotes and Swinh.: Cat. Moths of India, vi. Add., 747. 1770 A (1889).
——— Butler: Ill. Typ. Lep. Het., B. M., vii. p. 45, pl. 125, f. 8 (1889).
Acronycta denticulata. Hmn.: Faun. Brit. Ind. Moths, ii. p. 242 (1894).

Type (*denticulata*). Kangra, in B. M.
a. Sarawak, Borneo (type) (Wallace).

1535. Acronycta sinens.

Orthosia sinens. Walker: xi. 746 (1857).
——— C. and S.: Cat. Moths of India, iii. 298. 1918 (1888).
——— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 225.

Thalatha sinens. Walker: Journ. Linn. Soc., Lond., vi. p. 187 (1862).
——————— xxxiii. 719 (1865).
Momaphana sinens. Hampson: Ill. Typ. Lep. Het., B. M., viii. p. 71, pl. 144, f. 6 (1891).
Acronycta sinens. Hampson: Faun. Brit. Ind. Moths, ii. p. 241 (1894).

Type. Moulmein, in B. M.

a. Sarawak, Borneo (type *Thalatha sinens*) (Wallace).

Genus **TOXOCAMPA.** Guen.: Ann. Soc. Ent. Fr., 1841, p. 75.

1536. Toxocampa maxima.

Toxocampa maxima. Brem.: Lep. Ost. Sib., pl. 5, f. 17 (1864).
——————— Leech: P. Z. S., Lond., 1889, p. 543.
Toxocampa enormis. Butler: Ann. Mag. N. H. (5), i. p. 290 (1878).
——————— Ill. Typ. Lep. Het., B. M., ii. p. 38, pl. 32, f. 9 (1878).

Type. Yokohama, in B. M.

a. Japan.

Genus **CELÆNA.** Steph.: Ill. Brit. Ent. Haust., ii. p. 15 (1829).

1537. Celæna florescens. Pl. 1. f. 2.

Celæna florescens. Walker: x. 268 (1856).

a. New South Wales (type). b. S. Australia (2). c. Queensland.

Genus **PRODENIA.** Guen.: Noct., i. p. 159 (1852).

1538. Prodenia littoralis.

Hadena littoralis. Boisd.: Faun. Ent. Madag. Lep., p. 91, pl. 13, f. 8 (1834).
——————— Moore: Lep. Ceylon, iii. p. 19, pl. 146, f. 1, 1 *a*, 1 *b* (1884).
Prodenia littoralis. C. and S.: Cat. Moths of India, iii. 326. 2120 (1888).
——————— Swinhoe: Jo. Bo. Nat. Hist. Soc., 1888, p. 12.
——————— Leech: P. Z. S., Lond., 1889, p. 510.
——————— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 227, and 1895, p. 43.
——————— Hampson: Ill. Typ. Lep. Het., B. M., viii. 15. 416 (1891), and ix. 19. 415 (1893).
——————— Faun. Brit. Ind. Moths, ii. p. 247 (1894).
——————— Swinhoe: Trans. Ent. Soc., Lond., 1895. p. 43.
——————— Fuller: Agric. Gaz., N. S. W., vii. p. 759 (1896).
——————— Hampson: P. Z. S., Lond., 1896, p. 260.
Neuria retina. Freyer: Beitr. Schm., v. p. 161, pl. 478, f. 2, 3 (1845).
——————— Herr. Schaff.: Eur. Schm., ii. p. 292, pl. 29, f. 144, 145 (1845).
Prodenia retina. Guen.: Noct., i. 163. 259 (1852).
——————— Walker: ix. 192 (1856).
——————— Butler: P. Z. S., Lond., 1880, p. 676.

Prodenia retina. Forsayeth: Trans. Ent. Soc., Lond., 1884, p. 410.
——————— Swinhoe: P. Z. S., Lond., 1885, p. 450, and 1886, p. 443.
——————— Druce: P. Z. S., Lond., 1888, p. 221.
Prodenia ciligera. Guen.: l. c., 164. 260.
——————— Walker: ix. 196.
——————— Moore: P. Z. S., Lond., 1867, p. 51, and 1877, p. 604.
Prodenia testaceoides. Guen.: l. c., 165. 262, pl. 6, f. 7.
——————— Walker: ix. 195.
Prodenia subterminalis. Walker: ix. 196.
Prodenia glaucistriga. Walker: ix. 197.
——————— Butler: l. c.
——————— Swinhoe: P. Z. S., Lond., 1885, p. 450.
——————— Butler: Ill. Typ. Lep. Het., B. M., vi. p. 34, pl. 109, f. 9 (1886).
Prodenia declinata. Walker: xi. 723 (1857).
Mamestra albisparsa. Walker: Journ. Linn. Soc., Lond., vi. p. 186 (1862).
——————— xxxii. 658 (1865).

Type (*subterminalis*). Punjab, in B. M.
Type (*glaucistriga*). N. India, in B. M.
Type (*declinata*). Moulmein, in B. M.

a. Sarawak, Borneo (type *albisparsa*) (Wallace). b. Philippines. c. New South Wales. d. Sydney. e. Queensland. f. Australia. g. India (2). h. Bombay. i. Indore (11) (Hearsay).

Genus SPODOPTERA. Guen.: Noct., i. p. 153 (1852).

1539. Spodoptera mauritia.

Hadena mauritia. Boisd.: Faun. Ent. Madag. Lep., p. 92 (1834).
Spodoptera mauritia. Guen.: Noct., i. 153. 243 (1852).
——————— Walker: ix. 186 (1856).
——————— Hmn.: Ill. Typ. Lep. Het., B. M., ix. 18. 412 (1893).
——————— Faun. Brit. Ind. Moths, ii. p. 248 (1894).
——————— Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 43.
——————— Hampson: P. Z. S., Lond., 1896, p. 260.
Spodoptera nubes. Guen.: l. c., 155. 246 (1852).
——————— Walker: ix. 186 (1856), and xxxii. 647 (1865).
——————— Moore: P. Z. S., Lond., 1877, p. 604.
——————— Druce: P. Z. S., Lond., 1888, p. 221.
Prodenia nubes. Moore: Lep. Ceylon, iii. p. 19 (1884).
——————— C. and S.: Cat. Moths of India, iii. 326. 2121 (1888).
——————— Swinhoe: Jo. Bo. Nat. Hist. Soc., 1888, p. 12.
——————— Trans. Ent. Soc., Lond., 1890, p. 227.
——————— Hampson: l. c., viii. 15. 417 (1891).
Spodoptera filium. Guen.: l. c., 155. 248 (1852).
——————— Walker: ix. 187.
Prodenia infecta. Walker: ix. 196.
——————— Moore: P. Z. S., Lond., 1867, p. 51.
——————— Butler: Ill. Typ. Lep. Het., B. M., vi. p. 33, pl. 109, f. 8 (1886).
——————— Druce: l. c.
Prodenia insignata. Walker: ix. 197.

Caradrina triturata. Walker: x. 295 (1856).
Agrotis transducta. Walker: x. 344.
Prodenia permunda. Walker: xi. 723 (1857).
Laphygma gratiosa. Walker: xxxii. 651 (1865).
Laphygma squalida. Walker: xxxii. 652.
Prodenia venustula. Walker: xxxii. 654.
Celæna bisignata. Walker: xxxii. 679.
Agrotis aliena. Walker: xxxii. 694.
Agrotis submarginalis. Walker: xxxii. 699.
Agrotis bisignata. Walker: xxxii. 702.
Hadena obliqua. Walker: xxxiii. 736 (1865).

Types (*infecta*, *insignata*, and *squalida*). N. India, in B. M.
Types (*triturata*, *gratiosa*, and *Celæna bisignata*). Sierra Leone, in B. M.
Type (*transducta*). Ceylon, in B. M.
Type (*permunda*). Siam, in B. M.
Type (*venustula*). S. India, in B. M.
Type (*aliena*). Mauritius, in B. M.
Type (*submarginalis*). Java, in B. M.
Type (*Agrotis bisignata*). Moreton Bay, in B.
Type (*obliqua*). Shanghai, in B. M.
a. Sarawak, Borneo (2) (Wallace). b. Queensland (2).
c. Bombay. d. India. e. Nilgiri Hills.

1540. Spodoptera exempta.

Agrotis exempta. Walker: x. 355 (1856).
Spodoptera exempta. Butler: Trans. Ent. Soc., Lond., 1890, p. 666.
Prodenia bipars. Walker: xi. 724 (1857).
Prodenia ingloria. Walker: xv. 1679 (1858).

Type without locality, in B. M.
Types (*bipars* and *ingloria*). Moreton Bay, in B. M.
a. Australia.

Genus **CALOGRAMMA.** Guen.: Noct., i. p. 165 (1852).

1541. Calogramma festiva.

Noctua festiva. Don.: Epit. Ins. New Holl. (1805).
Calogramma festiva. Walker: ix. 198 (1856).
——————— Moore: P. Z. S., Lond., 1867, p. 52.
——————— Lep. Ceylon, iii. p. 21, pl. 146, f. 6 (1884).
——————— C. and S.: Cat. Moths of India, iii. 329. 2137 (1888).
——————— Hmn.: Ill. Typ. Lep. Het., B. M., ix. 19. 416 (1893).
——————— Faun. Brit. Ind. Moths, ii. p. 249 (1894).
Polia picta. Boisd.: Voy. de l'Astrolabe Lep., p. 241 (1832).
Noctua picta. Guérin: Voy. de la Coquille, ii. p. 285, pl. 19, f. 7 (1832).
Calogramma picta. Guen.: Noct., i. 166. 263 (1852).
——————— Semper: Verh. Zool-bot. Ges., xvii. p. 702, pl. 23, f. 4 (1867).

a. India. b. Sydney (2). c. New South Wales (2).

GENUS **AMYNA**. Guen.: Noct., i. p. 406 (1852).

1542. Amyna selenampha.

Amyna selenampha. Guen.: l. c., 406. 378.
——————— Walker: x. 300 (1856) and xv. 1696 (1858).
——————— Moore: P. Z. S., Lond., 1867, p. 53 and 1877, p. 604.
——————— Lep. Ceylon, iii. p. 30, pl. 147, f. 3. 3a (1884).
——————— C. and S.: Cat. Moths of India, iii. 323. 2104 (1888).
——————— Butler: Trans. Ent. Soc., Lond., 1890, p. 689.
——————— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 227 and 1895, p. 43.
——————— Snellen: Tijd. voor Ent., xxxv. p. 75 (1890).
——————— Hampson: Ill. Typ. Lep. Het., B. M., viii. 15. 410 (1891) and ix. 18. 411 (1893).
——————— Faun. Brit. Ind. Moths, ii. p. 250 (1894).
——————— P. Z. S., Lond., 1896, p. 260.
Alamis spoliata. Walker: xiii. 1050 (1857).
Amyna subtracta. Walker: Journ. Linn. Soc., Lond., vi. p. 189 (1862).
——————— xxxii. 688 (1865).
Hadena latipennis. Walker: xxxiii. 738 (1865).
Amyna paradoxa. Saalm.: Lep. von Madag., ii. p. 283 (1891).

Type (*spoliata*). Moulmein, in B. M.
Type (*latipennis*). Ceylon, in B. M.
a. Sarawak Borneo (type *subtracta*) (Wallace). b. India (3).
c. Ceylon. d. Amoy, China.

1543. Amyna cupreipennis.

Ilattia cupreipennis. Moore: Descr. Ind. Lep. Atk., p. 112 (1882).
——————— C. and S.: Cat. Moths of India, iii. 321. 2090 (1888).
Amyna apicalis. Hmn.: (part) Faun. Brit. Ind. Moths, iv. App. p. 511 (1896).

Type. Darjiling, in coll. Staudinger.
a. Kurseyong. b. India.

GENUS **ILATTIA**. Walker: xvi. 208 (1858).

1544. Ilattia cephusalis.

Ilattia cephusalis. Walker: xvi. 209.
——————— Moore: P. Z. S., Lond., 1877, p. 604.
——————— Butler: P. Z. S., Lond., 1883, p. 159.
——————— Moore: Lep. Ceylon, iii. p. 27, pl. 146, f. 4. 4 a (1884).
——————— Swinh.: P. Z. S., Lond., 1884, p. 516, 1885, p. 451, and 1886, p. 443.
——————— Cotes and Swinh.: (part) Cat. Moths of India, iii. 321. 2088 (1888).
——————— Leech: P. Z. S., Lond., 1889, p. 492.
——————— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 226 and 1895, p. 43.
——————— Hmn.: Ill. Typ. Lep. Het., B. M., viii. 15. 408 (1891).
Amyna cephusalis. Butler: P. Z. S., Lond., 1881, p. 617.
Celæna obstructa. Walker: Journ. Linn. Soc., Lond., vi. p. 189 (1862).
——————— xxxii. 679 (1865).
Miana inornata. Walker: xxxii. 677.

Ilattia octo. Hampson: (part) l. c., ix. 18. 409 (1893).
Amyna octo. Hampson: (part) Faun. Brit. Ind. Moths, ii. p. 251 (1894).

Type. Shanghai, in B. M.
Type (*inornata*). S. India, in B. M.
a. N. China (2). b. Indore (4) (Hearsay). c. Sarawak, Borneo (type, *obstructa*) (Wallace). d. Sarawak (Wallace).

1545. Ilattia supplex.

Perigea supplex. Swinhoe: P. Z. S., Lond., 1885, p. 452.
———— C. and S.: Cat. Moths of India, iii. 323. 2102 (1888).

Type. Poona, in B. M.
a. Bombay.

1546. Ilattia leucospila.

Perigea leucospila. Walker: xxxii. 683 (1865).
Ilattia leucospila. Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 43.

Type. Ceylon in B. M.
a. Khasia Hills (2).

Genus **BERRESA.** Walker: xvi. 214 (1858).

1547. Berresa turpis.

Acontia turpis. Walker: xii. 794 (1857).
———— C. and S.: Cat. Moths of India, iii. 289. 1850 (1888).
Berresa turpis. Hampson: Faun. Brit. Ind. Moths, ii. p. 252 (1894).
Berresa natalis. Walker: xvi. 214 (1858).
———— Moore: Lep. Ceylon, iii. p. 26, pl. 146, f. 3 (1884).
———— Cotes and Swinh.: l. c., 315. 2040.
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 226.
———— Hampson: Ill. Typ. Lep. Het., B. M., viii. 15. 398 (1891), and ix. 18. 399 (1893).

Type. N. India, in B. M.
Type (*natalis*). Ceylon, in B. M.
a. Bombay.

Genus **METHORASA.** Moore: P. Z. S., Lond., 1881, p. 374.

1548. Methorasa latreillei.

Eriopus latreillei. Dup.: Lep. Fr. Noct., iv. p. 327, pl. 120, f. 2 (1823).
———— Guen.: Noct., ii. p. 296 (1852).
———— Butler: P. Z. S., Lond., 1883, p. 162.
———— Baker: Trans. Ent. Soc., Lond., 1891, p. 207.
Callopistria latreillei. Walker: xii. 862 (1857).
———— Hmn.: Faun. Brit. Ind. Moths, ii. p. 253 (1894).
———— P. Z. S., Lond., 1896, p. 260.
Methorasa latreillei. Moore: l. c.
———— C. and S.: Cat. Moths of India, iii. 341. 2226 (1888).
———— Butler: Ann. Mag. N. H. (6), viii. p. 72, pl. 9, f. 2 (1891).
———— Hmn.: Ill. Typ. Lep. Het., B. M., viii. 17. 455 (1891).
Erastria quieta. Treit.: Schm. Eur., iii. p. 259 (1826).

a. Indore (4) (Hearsay).

Genus **DISSOLOPHUS**. Butler: Ann. Mag. N. H. (6), viii. p. 71 (1891).

1549. Dissolophus repleta.

Callopistria repleta. Walker: xii. 865 (1857).
——————— C. and S.: Cat. Moths of India, iii. 341. 2221 (1888).
——————— Leech: P. Z. S., Lond., 1889, p. 537.
——————— Hmn.: Faun. Brit. Ind. Moths, ii. p. 255 (1894).
Dissolophus repleta. Butler: l. c., p. 72, pl. 9, f. 5.

Type. N. India, in B. M.
a. India. b. Khasia Hills.

Genus **HEMIPACHYCERA**. Butler: Ann. Mag. N. H. (6), viii. p. 71 (1891).
Obana. Walker: Journ. Linn. Soc., Lond., vi. p. 190 (1862), (præocc.).

1550. Hemipachycera pulchrilinea.

Obana pulchrilinea. Walker: l. c.
——————— xxxiii. 745 (1865).
Callopistria yerburii. Butler: P. Z. S., Lond., 1884, p. 496.
Hmn.: Faun. Brit. Ind. Moths, ii. p. 255 (1894).
——————— P. Z. S., 1896, p. 260.
Cotanda yerburii. Hmn.: Ill. Typ. Lep. Het., B. M., viii. 16. 451 (1891).
Hemipachycera yerburii. Butler: Ann. Mag. N. H. (6), viii. p. 75 (1891).
——————— Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 44.

Type (*yerburii*). Aden, in B. M.
a. Sarawak, Borneo (type) (Wallace). b. Sarawak (Wallace).
c. Khasia Hills (2).

1551. Hemipachycera rivularis.

Callopistria rivularis. Walker: xii. 867 (1857).
——————— C. and S.: Cat. Moths of India, iii. 341. 2222 (1888).
——————— Leech: P. Z. S., Lond., 1889, p. 537.
——————— Hmn.: Ill. Typ. Lep. Het., B. M., ix. p. 103, pl. 163, f. 2 (1893).
——————— Faun. Brit. Ind. Moths, ii. p. 255 (1894).
Cotanda rivularis. Hmn.: Ill. Typ. Lep. Het., B. M., viii. 16. 452 (1891).
Hemipachycera rivularis. Butler: Ann. Mag. N. H. (6), viii. p. 75, pl. 9, f. 7 (1891).
——————— Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 44.

Type. N. India, in B. M.
a. Indore (Hearsay).

1552. Hemipachycera duplicans.

Callopistria duplicans. Walker: xii. 866 (1857).
——————— C. and S.: Cat. Moths of India, iii. 340. 2218 (1888).
——————— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 228.
——————— Hmn.: Faun. Brit. Ind. Moths, ii. p. 255 (1894).

Hemipachycera duplicans. Butler: Ann. Mag. N. H. (6), viii. p. 75 (1891).
Callopistria exotica. Leech (nec Guen.): P. Z. S., Lond., 1889, p. 536.

Type. Moulmein, in B. M.

a. China. b. Formosa.

Genus **AGABRA.** Walker: Journ. Linn. Soc., vi. p. 136 (1862).
Cotanda. Moore: P. Z. S., Lond., 1881, p. 374.

1553. Agabra trilineata. Pl. 1, f. 10.

Agabra trilineata. Walker: l. c., p. 137.
——————— xxxii. 443 (1865).
Penicillaria (?) *quadrinotata.* Walker: Journ. Linn. Soc., Lond., vii. p. 65 (1864).
——————— xxxiii. 814 (1865).
Plucia duplicilinea. Walker: Journ. Linn. Soc., Lond., vii. p. 70.
——————— xxxiii. 835.

a. Sarawak, Borneo (type) (Wallace). b. Sarawak (type *quadrinotata*) (Wallace). c. Sarawak (type *duplicilinea*) (Wallace).

1554. Agabra stipata. Pl. 1. f. 15.

Plusia stipata. Walker: Journ. Linn. Soc., Lond., vii. p. 70 (1864).
——————— xxxiii. 834 (1865).

a. Sarawak, Borneo (type) (Wallace).

1555. Agabra spotha: nov. Pl. 1. f. 16.

♂ Head, thorax, and fore-wings red brown, thorax with white spots, abdomen grey with brown segmental bands; fore-wings suffused with white at the basal and sub-basal portions, some of the outer veins white, costa with white spots, a larger one near the apex and another at the apex, a white line from the hinder margin one-third from base to the end of cell where it meets a similar line from the hinder margin one-third from the angle, the apex of the two lines touching the inner side of a white ring with some irregular white lines outside it and more or less connected with the apical spot, another white line below, from the outer line to the outer margin, two sub-marginal pale lines, and a marginal brown line; hind-wings grey, slightly suffused with brown in the outer portions.

Expanse of wings $\frac{9}{10}$ inch.

a. Nilgiri Hills (type).

Fore wings with the outer margin evenly curved.

Genus **PLATYDASIS.** Butler: P. Z. S., Lond., 1892, p. 126.

1556. Platydasis scriptiplena.

Dianthecia scriptiplena. Walker: Journ. Linn. Soc., Lond., vi. p. 190 (1862).
——————— xxxiii, 721 (1865).
Platydasis pryeri. Butler: l. c., pl. 6, f. 6.

Type (*pryeri*). Borneo, in B. M.

a. Sarawak Borneo (type ♀) (Wallace). b. Borneo ♂.

Genus **DIETHUSA**. Walker: xvi. 205 (1858).
Hyperdasis. Butler: Ann. Mag. N. H. (6), viii. p. 71 (1891).
Pachydasis. Butler: P. Z. S., Lond., 1892, p. 125.

1557. Diethusa emiliusalis.

Diethusa emiliusalis. Walker: xvi. 206.
Callopistria ventralis. Walker: Journ. Linn. Soc. Lond., vii. p. 64 (1864).
——————— xxxiii. 811 (1865).
Eutelia consentana. Walker: Journ. Linn. Soc., Lond., vii. p. 68.
——————— xxxiii. 817.
Pachydasis consentanea. Butler: l. c., pl. 6, f. 5.
Plusia detegens. Walker: Journ. Linn. Soc., Lond., vii. p. 72.
——————— xxxiii. 835.

Type. Sarawak, Borneo, in B. M.
a. Sarawak (type *ventralis* ♂) (Wallace). b. Sarawak (type *consentana* ♀) (Wallace). c. Sarawak (type *detegens* ♀) (Wallace).

Genus **PENZA**. Walker: Journ. Linn. Soc., Lond., vii. p. 56 (1864).

1558. Penza puncticeps.

Penza puncticeps. Walker: l. c.
——————— xxxiii. 789 (1865).
Plusia niveiplaga. Walker: Journ. Linn. Soc., Lond., vii. p. 71.
——————— xxxiii. 835.

Type (*niveiplaga* ♀). Sarawak, Borneo, in B. M.
a. Sarawak (type) (Wallace).

Genus **ELUSA**. Walker: xvi. 202 (1858).
Alimala. Walker: Journ. Linn. Soc., Lond., vi. p. 132 (1862).
Seria. Walker: l. c., p. 193.
Lugana. Moore: Descr. Ind. Lep. Atk., p. 145 (1882).

1559. Elusa ceneusalis.

Elusa ceneusalis. Walker: xvi. 202.
Alimala limacodoides. Walker: Journ. Linn. Soc., Lond., vi. p. 133.
——————— xxxii. 442 (1865).
Plusia inornata. Walker: Journ. Linn. Soc., Lond., vii. p. 71 (1864).
——————— xxxiii. 835 (1865).

Type. Sarawak, Borneo, in B. M.
a. Sarawak (type *limacodoides*) (Wallace). b. Sarawak (type ♀ *inornata*) (Wallace). c. Mysol (Wallace).

1560. Elusa cyathicornis.

Seria cyathicornis. Walker: Journ. Linn. Soc., Lond., vi. p. 193 (1862).
——————— xxxiii. 746 (1865).
Elusa cyathicornis. Hmn.: Faun. Brit. Ind. Moths, ii. p. 258 (1894).

Plusia invicta. Walker: Journ. Linn. Soc. Lond., vii. p. 72 (1864).
———— xxxiii. 835.

Type (*invicta*). Sarawak, Borneo, in B. M.
a. Sarawak (type) (Wallace). b. Sarawak (Wallace).

GENUS **BORBOTANA.** Walker: xv. 1651 (1858).
Choluata. Walker: Journ. Linn. Soc., Lond., vii. p. 57 (1864).

1561. Borbotana nivifascia.

Borbotana nivifascia. Walker: xv. 1651.
Choluata eburneifera. Walker: Journ. Linn. Soc., Lond., vii. p. 57.
———— xxxiii. 789 (1865).

Type. Sarawak, Borneo, in B. M.
a. Sarawak (type *eburneifera*) (Wallace).

GENUS **CARADRINA.** Ochs.: Eur. Schm., iv. p. 80 (1816).
Laphygma. Guen.: Noct., i. p. 156 (1852).
Barbesola. Walker: Journ. Linn. Soc., Lond., vi. p. 187 (1862).

1562. Caradrina exigua.

Noctua exigua. Hübn.: Samml. Eur Schm. Noct., fig. 362 (1810).
Telmia exigua. Hübn.: Verz. 228. 2286 (1816).
Caradrina exigua. Treit.: Schm. Eur., ii. 254, Suppl., x. 81 (1825).
———— Dup.: Hist. Nat. Lep. Fr., iii. p. 45, pl. 75 (1826).
———— Guen.: Ann. Soc. Ent. Fr., vi. p. 345 (1837).
———— Boisd.: Ind. Méth., 138. 1112 (1840).
———— Herr. Schäff.: Eur. Schm., ii. 212. 99 (1845).
———— Noct., ii. pl. 66, f. 44 (1845).
———— Hmn.: (part) Faun. Brit. Ind. Moths, ii. p. 259 (1894).
———— P. Z. S., Lond., 1896, p. 260.
Laphygma exigua. Guen.: Noct., i. 158. 252 (1852).
———— Walker: ix. 188 (1856).
———— Swinhoe: P. Z. S., Lond., 1884, p. 516, 1885, p. 450 and 1886, p. 443.
———— C. and S.: Cat. Moths of India, iii. 327. 2122 (1888).
———— Leech: P. Z. S., Lond., 1889, p. 493.
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 227.
———— Butler: Trans. Ent. Soc., Lond., 1890, p. 667.
———— Hmn.: Ill. Typ. Lep. Het., B. M., viii. 15. 418 (1891).

a. Bombay. b. Indore (Hearsay).

1563. Caradrina cognata.

Graphiphora cognata. Moore: Descr. Ind. Lep. Atk., p. 119 (1882).
———— Swinhoe: P. Z. S., Lond., 1885, p. 453.
———— C. and S.: Cat. Moths of India, iii. 310. 2010 (1888).
———— Hmn.: Ill. Typ. Lep. Het., B.M., viii. 14. 393 (1891).
Caradrina cognata. Hmn.: Faun. Brit. Ind. Moths, ii. p. 259 (1894).

Type. Darjiling, in coll. Staudinger.
a. Thanna, Bombay.

1564. Caradrina cilium.

Spodoptera cilium. Guen.: Noct., i. 156. 249 (1852).
———— Walker: ix. 187 (1856).
———— Moore: P. Z. S., Lond., 1867, p. 51, and 1877, p. 604.
———— Butler: P. Z. S., Lond., 1881, p. 617.
———— Swinhoe: P. Z. S., Lond., 1885, p. 451 and 1886, p. 444.
———— Trans. Ent. Soc., Lond., 1885, p. 347, and 1890, p. 227.
———— Snellen: Tijd. voor Ent., xxx. p. 88 (1886).
———— C. and S.: Cat. Moths of India, iii. 325. 2117 (1888).
———— Hampson: Ill. Typ. Lep. Het., B. M., viii. 15. 415 (1891) and ix. 19. 413 (1893).
Laphygma cilium. Butler: Trans. Ent. Soc., Lond., 1890, p. 668.
Spodoptera insula. Walker: xxxii. 648 (1865).
Spodoptera erica. Butler: P. Z. S., Lond., 1880, p. 675.

Type (*insula*). Java, in B. M.
Type (*erica*). Formosa, in B. M.
a. Singapore.

1565. Caradrina defixa. Pl. 1. f. 1.

Barbesola defixa. Walker: Journ. Linn. Soc., Lond., vi. p. 188 (1862).
———— xxxiii. 719 (1865).

a. Sarawak, Borneo (type) (Wallace).

1566. Caradrina truncata.

Leucania truncata. Walker: ix. 111 (1856).

Type. Adelaide, in B. M.
a. New South Wales.

1567. Caradrina picta.

Caradrina picta. Swinhoe, M. S. Hampson: Faun. Brit. Ind. Moths, ii. p. 263 (1894).
———— Swinhoe: Ann. Mag. N. H. (6), xv. p. 6 (1895).
———— Trans. Ent. Soc., Lond., 1895, p. 45.

Type. Shillong, in B. M.
a. Shillong (3).

GENUS **CURGIA.** Walker: Journ. Linn. Soc., Lond., vii. p. 166 (1864).

Leucocosmia. Butler: Trans. Ent. Soc., Lond., 1886, p. 394.

1568. Curgia nonagrica.

Curgia nonagrica. Walker: l. c.
———— xxxiii. 900 (1865).
Radinacra thoracica. Moore: Lep. Ceylon, iii. p. 31, pl. 148, f. 4 (1884).
———— C. and S.: Cat. Moths of India, iii. 304. 1967 (1888).
Leucocosmia ceres. Butler: Trans. Ent. Soc., Lond., 1886, p. 394, pl. 9, f. 10.
Caradrina euthusa. Hmn.: Ill. Typ. Lep. Het., B. M., viii. p. 79, pl. 145, f. 1 (1891).

Caradrina reclusa. Hmn.: (part) Faun. Brit. Ind. Moths, ii. p. 264 (1894).

Type (*thoracica*). Ceylon, in B. M.
Type (*ceres*). Viti Island, in B. M.
Type (*euthusa*). Nilgiri Hills, in B. M.
a. Sarawak, Borneo (type) (Wallace).

1569. Curgia reclusa.

Prodenia reclusa. Walker: Journ. Linn. Soc., Lond., vi. p. 185 (1862).
———— xxxii. 654 (1865).

a. Sarawak, Borneo (type) (Wallace).
Not the same as *thoracica*, *ceres*, or *euthusa*.

GENUS **RADINACRA.** Butler: Ann. Mag. N. H. (5), i. p. 161 (1878).
Dadica. Moore: P. Z. S., Lond., 1881, p. 349.

1570. Radinacra lineosa.

Dadica lineosa. Moore: l. c.
———— C. and S.: Cat. Moths of India, iii. 325. 2116 (1888).
Caradrina lineosa. Hampson: Faun. Brit. Ind. Moths, ii. p. 265 (1894).
Graphiphora stellata. Moore: Descr. Ind. Lep. Atk., p. 119 (1882).
———— Cotes and Swinh.: l. c., 312. 2018.
Radinacra stellata. Swinh.: Trans. Ent. Soc., Lond., 1895, p. 45.
Dadica palpalis: Leech: (part) P. Z. S., Lond., 1889, p. 493.

Type. Punjab Hills, in B. M.
Type (*stellata*). Khasia Hills, in coll. Staudinger.
a. Japan.

GENUS **NEBRISSA.** Walker: Journ. Linn. Soc., Lond., vi. p. 194 (1862).

♂ With the claspers clothed with long hair, palpi with the 3rd joint minute: antennae minutely ciliated: this is Hampson's Section iii. A of his genus *Caradrina*.

1571. Nebrissa bimacula. Pl. 1, f. 22.

Nebrissa bimacula. Walker: l. c.
———— xxxiii. 746 (1865).

a. Sarawak, Borneo (type) (Wallace).

1572. Nebrissa fasciata.

Graphiphora fasciata. Moore: P. Z. S., Lond., 1867, p. 54.
———— Walker: xxxv. 1959 (1866).
———— C. and S.: Cat. Moths of India, iii. 311. 2011 (1888).
Caradrina fasciata. Hampson: Faun. Brit. Ind. Moths, ii. p. 267 (1894).
———— Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 45.
Graphiphora interstincta. Moore: Descr. Ind. Lep. Atk., p. 118 (1882).
———— Cotes and Swinh.: l. c., 311. 2014.

Type. Darjiling, in coll. Russell.
Type (*interstincta*). Darjiling, in coll. Staudinger.
a. India. b. Bombay.

GENUS **DYRZELA**. Walker: xv. 1758 (1858).

1573. **Dyrzela incrassata.**

Dyrzela incrassata (♂). Walker: l. c., 1759.
Dyrzela parallela (♀). Walker: xxxiii. 787 (1865).
Type. Sarawak, Borneo, in B. M.
a. Sarawak (type *parallela*) (Wallace). b. Sarawak (3) (Wallace).

1574. **Dyrzela poaphiloides.** Pl. 1, f. 7.

Thermesia poaphiloides. Walker: Journ. Linn. Soc., Lond., vii. p. 186 (1864).
———— xxxiii. 1037 (1865).
a. Sarawak, Borneo (type) (Wallace).

GENUS **ACTINOTIA**. Hübn.: Verz., p. 244 (1816).

1575. **Actinotia acmophora.**

Actinotia acmophora. Meyrick: Trans. Ent. Soc., Lond., 1897, p. 370.
Type. Brisbane, in coll. Meyrick.
a. Queensland.

GENUS **TATHORHYNCHUS**. Hampson: Faun. Brit. Ind. Moths, ii. p. 268 (1894).

1576. **Tathorhynchus vinctale.**

Scopula vinctalis. Walker: xxxiv. 1476 (1865).
———— Butler: P. Z. S., Lond., 1886, p. 384.
———— Swinhoe: P. Z. S., Lond., 1886, p. 460.
———— Warren: P. Z. S., Lond., 1888, p. 335.
Udea vinctalis. C. and S.: Cat. Moths of India, v. 610. 4160 (1888).
Tathorhynchus vinctale. Hampson: l. c.
———— P. Z. S., Lond., 1896, p. 260.
Type. S. India, in B. M.
a. India. b. Indore (2) (Hearsay).

GENUS **LEUCANIA**. Ochs.: Eur. Schm. iv. p. 81 (1816).
Aletia. Hübn.: Verz., p. 239 (1816).
Hyphilare. Hübn.: l. c.
Donachlora. Sodoffsky: Bull. Soc. Nat. Mosc., 1837, p. 14.
Borolia. Moore: P. Z. S., Lond., 1881, p. 334.

1577. **Leucania unipuncta.**

Leucania unipuncta. Haw.: Lep. Brit. p. 174 (1803).
———— Hampson: Ill. Typ. Lep. Het., B. M., viii. 11. 298 (1891), and ix. 16. 350 (1893).

Leucania unipuncta. Hampson: Faun. Brit. Ind. Moths, ii. p. 275 (1894).
——————— Meyrick: Hand. Brit. Lep., p. 70 (1895).
Leucania extranea. Guen.: Noct., i. 77. 104 (1852).
——————— Walker: ix. 93 (1856), and xi. 710 (1857).
——————— Moore: P. Z. S., Lond., 1867, p. 447.
——————— Butler: Lep. N. Zeal., pl. 2, f. 2 (1874).
——————— Trans. Ent. Soc., Lond., 1881, p. 32.
——————— P. Z. S., Lond., 1884, p. 495, and 1886, p. 379.
——————— Swinhoe: P. Z. S., Lond., 1885, p. 447, and 1886, p. 441.
——————— C. and S.: Cat. Moths of India, iii. 263. 1674 (1888).
——————— Leech: P. Z. S., Lond., 1889, p. 482.
——————— Trans. Ent. Soc., Lond., 1889, p. 130.
——————— Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 46.
Leucania antica. Walker: ix. 100.
Leucania (?) *convecta.* Walker: xi. 711.
Leucania separata. Walker: xxxii. 626 (1865).
——————— Moore: Lep. Ceylon, iii. p. 9 (1884).
Leucania adusta. Moore: P. Z. S., Lond., 1881, p. 335.
——————— Descr. Ind. Lep. Atk., p. 99 (1882).
——————— Cotes and Swinh.: l. c., 261. 1657.

Type (*antica*). West Coast of America, in B. M.
Type (*convecta*). Moreton Bay, in B. M.
Type (*separata*). Shanghai, in B. M.
Type (*adusta*). Manpuri, in B. M.
a. India. b. Indore (5) (Hearsay). c. Moreton Bay.
d. New South Wales. e. Queensland.

1578. **Leucania decisissima.**

Leucania decisissima. Walker: xxxii. 624 (1865).
——————— Moore: P. Z. S., Lond., 1867, p. 48.
——————— Lep. Ceylon, iii. p. 10 (1884).
——————— Butler: Ill. Typ. Lep. Het., B. M., vi. p. 32, pl. 109, f. 6 (1886).
——————— C. and S.: Cat. Moths of India, iii. 262. 1667 (1888).
——————— Leech: (part) P. Z. S., Lond., 1889, p. 482.
——————— Trans. Ent. Soc., Lond., 1889, p. 130.
——————— Hampson: Ill. Typ. Lep. Het., B. M., viii. 11. 297 (1891), and ix. 16. 347 (1893).
——————— Faun. Brit. Ind. Moths, ii. p. 269 (1894).
——————— Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 45.
Leucania nareda. Felder: Reise Nov. Lep., pl. 109, f. 9 (1872).
Leucania lanceata. Moore: P. Z. S., Lond., 1881, p. 340.
——————— Lep. Ceylon, iii. p. 10, pl. 145, f. 5 (1884).
——————— Cotes and Swinh.: l. c., 264. 1678.
——————— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 217.
Leucania pulchra. Snellen: Midd. Sum. Lep., iv. p. 41, pl. 4, f. 3, 4 (1884).

Type. Darjiling, in B. M.
Type (*nareda*). Silhet, in coll. Rothschild.
Type (*lanceata*). Ceylon, in coll. Mackwood.
a. India (2).

1579. Leucania hamifera.

Leucania hamifera. Walker: Journ. Linn. Soc., Lond., vi. p. 179 (1862).
——————— xxxii. 624 (1865).
——————— Butler: Ill. Typ. Lep. Het., B. M., vi. p. 33, pl. 109, f. 7 (1886).
——————— C. and S.: Cat. Moths of India, iii. 264. 1676 (1888).
——————— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 217.
——————— Hampson: Faun. Brit. Ind. Moths, ii. p. 270 (1894).

Leucania exsanguis, var. (?) Walker: ix. 104 (1856).
Leucania subnitens. Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 218, pl. 7, f. 1.

Type (*subnitens*). Bhamo, in B. M.
a. Sarawak, Borneo (type) (Wallace). b. Without locality.

1580. Leucania percisa.

Leucania percisa. Moore: M. S. Butler, P. Z. S., Lond., 1883, p. 158.
——————— C. and S.: Cat. Moths of India, iii. 265. 1685 (1888).
——————— Moore: P. Z. S., Lond., 1888, p. 410.
——————— Cotes and Swinh.: l. c., vi. Add. 745. 1685 (1889).
——————— Butler: Ill. Typ. Lep. Het., B. M., vii. p. 51, pl. 126, f. 10, 11 (1889).
——————— Hampson: ibid., viii. 11. 302 (1891).
——————— Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 45.
Leucania irrorata. Moore: l. c., p. 409.
——————— Cotes and Swinh.: l. c., Add. 1677 A.

Type. Kangra, in B. M.
Type (*irrorata*). Kangra, in B. M.
a. Indore (Hearsay).

1581. Leucania loreyi.

Leucania loreyi. Dup.: Lep. Fr., iv. p. 81, pl. 105, f. 7 (1827).
——————— Guen.: Ann. Soc. Ent. Fr., vi. p. 341 (1837).
——————— Frey.: Neu. Beitr. Schm., iv. pl. 413 (1842).
——————— Boisd.: Ind. Méth., 133. 1060 (1840).
——————— Herr. Schäff.: Eur. Schm., ii. 233. 155 (1845).
——————— Noct. ii. pl. 61, f. 309, and pl. 62, f. 314 (1845).
——————— Guen.: Noct., i. 84. 121 (1852).
——————— Walker: ix. 84 (1856).
——————— Butler: P. Z. S., Lond., 1881, p. 617.
——————— Ann. Mag. N. H. (5), ix. p. 210 (1882).
——————— Swinhoe: P. Z. S., Lond., 1884, p. 516, and 1885, p. 447.
——————— Trans. Ent. Soc., Lond., 1885, p. 347; 1890, p. 217.
——————— C. and S.: Cat. Moths of India, iii. 264. 1680 (1888).
——————— Leech: P. Z. S., Lond., 1889, p. 482.
——————— Hampson: Ill. Typ. Lep. Het., B. M., viii. 11. 300 (1891), and ix. 16. 355 (1893).
——————— (part) Faun. Brit. Ind. Moths, ii. p. 274 (1894).
——————— Meyrick: Hand. Brit. Lep., p. 68 (1895).
Leucania exsanguis. Guen.: Noct., iii. 83. 118 (1852).
——————— Walker: ix. 104.

Leucania exsanguis. Moore : P. Z. S., Lond., 1867, p. 47.
——————— Cotes and Swinh. : l. c., 263. 1672.
Leucania collecta. Walker : ix. 105.
——————— Butler : P. Z. S., Lond., 1886, p. 379.
——————— Ann. Mag. N. H. (5), xviii. p. 189 (1886).
——————— Cotes and Swinh. : l. c., 262. 1663.
Leucania exterior. Walker : ix. 106, and xi. 710 (1857).
——————— Moore : P. Z. S., Lond., 1867, p. 48.
——————— Cotes and Swinh. : l. c., 263. 1673.
Leucania thoracica. Walker : ix. 106, and xxxii. 623 (1865).
——————— Cotes and Swinh. : l. c., 266. 1696.
Leucania designata. Walker : ix. 107, and xxxii. 623.
——————— Moore : P. Z. S., Lond., 1867, p. 48.
——————— Cotes and Swinh. : l. c., 263. 1669.
Leucania denotata. Walker : ix. 107.
——————— Cotes and Swinh. : l. c., 1668.
Leucania tenebrifera. Walker : ix. 113.

Types (*collecta* and *exterior*). Punjab, in B. M.
Type (*thoracica*). Deccan, in B. M.
Type (*designata*). Kanara, in B. M.
Type (*denotata*). N. India, in B. M.
Type (*tenebrifera*). Without locality, in B. M.
a. Indore (5) (Hearsay).

1582. Leucania roseilinea.

Leucania roseilinea. Walker : Journ. Linn. Soc., Lond., vi. p. 179 (1862).
——————— xxxii. 624 (1865).
Leucania simillima. Walker : Journ. Linn. Soc., Lond., vi. p. 179.
——————— xxxii. 624.

a. Sarawak, Borneo (type) (Wallace). b. Sarawak (type *simillima*) (Wallace).

1583. Leucania humidicola.

Leucania humidicola. Guen. : Noct., i. 90. 137 (1852).
——————— Walker : ix. 99 (1856).

a. Moreton Bay. b. Sydney.

1584. Leucania atristriga.

Xylina atristriga. Walker : xxxiii. 756 (1865).
Bityla atristriga. Butler : P. Z. S., Lond., 1877, p. 387.

Type. Auckland, in B. M.
a. South Island, New Zealand (2).

1585. Leucania fragilis.

Spælotis fragilis. Butler : P. Z. S., Lond., 1883, p. 160.
——————— C. and S. : Cat. Moths of India, iii. 310. 2005 (1888).
Leucania fragilis. Hmn. : Faun. Brit. Ind. Moths, ii. p. 275 (1894).

Type. Solon, Simla, in B. M.
a. Indore (2) (Hearsay).

1586. Leucania polemusa.

Leucania polemusa. Swinhoe: P. Z. S., Lond., 1885, p. 447, pl. 27, f. 1.
———— C. and S.: Cat. Moths of India, iii. 265. 1686 (1888).
———— Hmn.: Faun. Brit. Ind. Moths, ii. p. 280 (1894).

Type. Poona, in B. M.
a. Indore (Hearsay).

1587. Leucania divergens.

Mythimna divergens. Butler: Ann. Mag. N. H. (5), i. p. 79 (1878).
———— Ill. Typ. Lep. Het., B. M., ii. p. 22, pl. 28, f. 8 (1878).
Mythimna grandis. Leech: (part) P. Z. S., Lond., 1889, p. 480.

Type. Hakodaté, in B. M.
a. Japan.

1588. Leucania placida.

Mythimna placida. Butler: Ann. Mag. N. H. (5), i. p. 79 (1878).
———— Ill. Typ. Lep. Het., B. M., ii. p. 21, pl. 28, f. 5 (1878).
———— Leech: Trans. Ent. Soc., Lond., 1889, p. 130.
———— P. Z. S., Lond., 1889, p. 481.
Hyphilare placida. Butler: Trans. Ent. Soc., Lond., 1890, p. 663.

Type. Yokohama, in B. M.
a. Nikko, Japan.

1589. Leucania grandis.

Mythimna grandis. Butler: Ann. Mag. N. H. (5), i. p. 79 (1878).
———— Ill. Typ. Lep. Het., B. M., ii. p. 22, pl. 28, f. 7 (1878).
———— Leech: P. Z. S., Lond., 1889, p. 480.
Hyphilare grandis. Butler: Trans. Ent. Soc., Lond., 1890, p. 663.

Type. Hakodaté, in B. M.
a. Japan (5).

1590. Leucania turca.

Phalæna-Noctua turca. Linn.: Syst. Nat., 2. 847. 140 (1759).
Noctua turca. Schiff: Wien. Verz., 84. 2 (1776).
Mythimna turca. Treit.: Schm. Eur., v. 2. 181. 3 (1825).
———— Walker: ix. 74 (1856).
———— Leech: P. Z. S., Lond., 1889, p. 481.
Leucania turca. Guen.: Ann. Soc. Ent. Fr., vi. p. 237 (1837).
———— Meyrick: Hand. Brit. Lep., p. 18 (1895).
Hyphilare turca. Butler: Trans. Ent. Soc., Lond., 1890, p. 663.

a. Yokohama.

GENUS **ARCILASISA.** Walker: xxxii. 470 (1865).

1591. Arcilasisa sobria.

Arcilasisa sobria. Walker: l. c.
———— C. and S.: Cat. Moths of India, iii. 267. 1699 (1888).

Arcilasisa sobria. Hampson : Faun. Brit. Ind. Moths, ii. p. 282 (1894).
———— Swinhoe : Trans. Ent. Soc., Lond., 1895, p. 46.
a. India (type).

Genus **AUCHMIS.** Hübn.: Verz. p. 243 (1816).
Cloantha. Boisd., Guen.: Ann. Soc. Ent. Fr., 1839, p. 509.

1592. Auchmis polyodon.

Phalæna polyodon. Clerck.: Icon., pl. 2, f. 3 (1759).
Cloantha polyodon. Leech : (part) P. Z. S., Lond., 1889, p. 494.
Actinotia polyodon. Meyrick: Hand. Brit. Lep., p. 125 (1895).
Phalæna (Noctua) perspicillaris. Linn. : Syst. Nat., 849. 148 (1759).
Auchmis perspicillaris. Walker : xi. 615 (1857).
a. Japan.

1593. Auchmis repanda.

Agrotis repanda. Walker : xi. 742 (1857).
Type. Australia, in B. M.
a. Van Diemen's Land.

Genus **NONAGRIA.** Ochs.: Eur. Schm., iv. p. 82 (1816).

1594. Nonagria inferens.

Leucania inferens. Walker: ix. 105 (1856).
———— Butler: P. Z. S., Lond., 1880, p. 674 and 1883, p. 158.
———— Druce: P. Z. S., Lond., 1888, p. 221.
———— Hmn.: Ill. Typ. Lep. Het., B. M., ix. 16. 352 (1893).
Sesamia inferens. Moore : Lep. Ceylon, iii. p. 8, pl. 145, f. 3 (1884).
———— Swinh. : P. Z. S., Lond., 1885, p. 447 and 1886, p. 441.
———— C. and S.: Cat. Moths of India, iii. 261. 1654 (1888).
———— Swinhoe: Trans. Ent. Soc. Lond., 1890, p. 220.
Nonagria inferens. Hmn.: Faun. Brit. Ind. Moths, ii. p. 284 (1894).
Leucania proscripta. Walker: ix. 106 (1856).
———— Butler: Ann. Mag. N. H. (5), xviii. p. 190 (1886).
———— Hmn.: Ill. Typ. Lep. Het., B. M., viii. 11. 303 (1891).
Sesamia proscripta. Cotes and Swinhoe: l. c., 1655.
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 220.
Sesamia fraterna. Moore : Descr. Ind. Lep. Atk., p. 103 (1882).
———— Cotes and Swinhoe: l. c., 1653.
Type. Ceylon, in B. M.
Type (*proscripta*). Moulmein, in B. M.
Type (*fraterna*). Dharmsala, in B. M.
a. Ceram (Wallace).

Genus **ACRAPEX.** Hampson : Faun. Brit. Ind. Moths, ii. p. 286 (1894).

1595. Acrapex leucophlebia.

Acrapex leucophlebia. Hampson : l. c., p. 287.
Type. Nilgiri Hills, in B. M.
a. Indore (Hutton).

GENUS **LEOCYMA.** Guen.: Noct., ii. p. 212 (1852).
Chasmina. Walker: ix. 146 (1856).
Arbasera. Walker: xxxii. 638 (1865).

1596. Leocyma tibialis.

Bombyx tibialis. Fabr.: Syst. Ent., 578. 76 (1775).
Leocyma tibialis. Druce: P. Z. S., Lond., 1888, p. 222.
———— Butler: Entom., xxiv. p. 266 (1891).
———— Hmn.: Ill. Typ. Lep. Het., B. M., ix. 17. 368 (1893).
———— Faun. Brit. Ind. Moths, iv. Ap. p. 512 (1896).
Leocyma dianæ. Guen.: Noct., ii. 213. 982.
———— Walker: xii. 780 (1857).
Chasmina dianæ. C. and S.: (part) Cat. Moths of Ind., iii. 280. 1783 (1888).
Leocyma dianæ. Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 46.
Chasmina cygnus. Walker: ix. 147 (1856).
———— Moore: P. Z. S., Lond., 1867, p. 50.
———— Swinhoe: P. Z. S., Lond., 1885, p. 449.
———— C. and S.: l. c., 279. 1782.
———— Hmn.: Ill. Typ. Lep. Het., B. M., viii. 12. 327 (1891).
Leocyma cygnus. Butler: Ill. Typ. Lep. Het., B. M., vi. p. 35, pl. 110, f. 3 (1886).
Chasmina glabra. Walker: xxxii. 636 (1865).
———— Butler: P. Z. S., Lond., 1880, p. 675.
Arbasera candida. Walker: xxxii. 638.

Type (*glabra*). New South Wales, in B. M.
a. Cambodia Siam (type *candida*) (Mouhot). b. Bombay.
c. Khasia Hills.

1597. Leocyma biplaga.

Acontia biplaga. Walker: xii. 795 (1857).
Leocyma biplaga. Hampson: Faun. Brit. Ind. Moths, ii. p. 289 (1894).
Acontia bimacula. Walker: xii. 796.
Chasmina stigmata. Hampson: Ill. Typ. Lep. Het., B. M., viii. p. 73, pl. 145, f. 10 (1891).

Type. N. China, in B. M.
Type (*bimacula*). Hong Kong, in B. M.
Type (*stigmata*). Nilgiri Hills, in B. M.
a. Indore (Hearsay).
I have this species in my own Museum from Port Blair and from the Great Nicobars.

1598. Leocyma judicata.

Acontia judicata. Walker: xv. 1760 (1858).
———— Butler: Ill. Typ. Lep. Het., B. M., vi. p. 35, pl. 110, f. 2 (1886).
———— C. and S.: Cat. Moths of India, iii. 287. 1838 (1888).
Leocyma judicata. Butler: Entom. xxiv. p. 266 (1891).
———— Hmn.: Faun Brit. Ind. Moths, ii. p. 289 (1894).

Chasmina linea. Hampson: Ill. Typ. Lep. Het., B. M., viii. p. 73, pl. 145, f. 3 (1891).

Type. N. India, in B. M.
Type (*linea*). Nilgiri Hills, in B. M.
a. Indore (Hearsay).

Family **ACONTIIDÆ.**

Genus **CANNA.** Walker: xxxiii. 790 (1865).

1599. Canna pulchripicta.

Canna pulchripicta. Walker: l. c., and xxxv. 1965 (1866).
——— Moore: P. Z. S., Lond., 1867, p. 61, pl. 6, f. 10.
——— C. and S.: Cat. Moths of India, iii. 285. 1820 (1888).
——— Hampson.: Faun. Brit. Ind. Moths, ii. p. 293 (1894).
——— Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 47.

Type. Darjiling, in coll. Staudinger.
a. India (2).

1600. Canna prasinaria.

Diphtera prasinaria. Walker: xxxii. 615 (1865) and xxxv. 1952 (1866).
——— Moore: P. Z. S., Lond., 1867, p. 46.
——— C. and S.: Cat. Moths of India, iii. 277. 1763 (1888).
——— Hmn.: Faun. Brit. Ind. Moths, ii. p. 294 (1894).

Type. Darjiling, in coll. Staudinger.
a. India.

Genus **DIPHTERA.** Ochs.: Eur. Schm. iv. p. 63 (1816).

1601. Diphtera vigens.

Diphtera vigens. Walker: xxxii. 616 (1865) and xxxv. 1952 (1866).
——— Moore: P. Z. S., Lond., 1867, p. 46.
——— C. and S.: Cat. Moths of India, iii. 277. 1764 (1888).
——— Hampson: Faun. Brit. Ind. Moths, ii. p. 294 (1894).

Type. Darjiling, in coll. Staudinger.
a. India (3).

1602. Diphtera discibrunnea.

Diphtera discibrunnea. Moore: M. S. Walker: xxxv. 1952 (1866).
——— Moore: P. Z. S., Lond., 1867, p. 46, pl. 6, f. 14.
——— C. and S.: Cat. Moths of India, iii. 276. 1760 (1888).
——— Hmn.: Faun. Brit. Ind. Moths, ii. p. 295 (1894).

Type. Bengal, in coll. Russell.
a. India (2).

1603. Diphtera jucunda. Pl. 1. f. 4.

Diphtera jucunda. Walker: Journ. Linn. Soc., Lond., vi. p. 178 (1862).
——————— xxxii. 612 (1865).

a. Sarawak, Borneo (type) (Wallace).

GENUS **PERCIANA.** Walker: xxxiii. 812 (1865).

1604. Perciana marmorea.

Perciana marmorea. Walker: l. c., 813.
——————— C. and S.: Cat. Moths of India, iii. 341. 2223 (1888).
——————— Hmn.: Faun. Brit. Ind. Moths, ii. p. 296 (1894).

a. India (type).

GENUS **BRYOPHILA.** Treitschke: Schm. Eur., v. (i), p. 57 (1825).

1605. Bryophila nilgirica.

Bryophila nilgirica. Moore: P. Z. S., Lond., 1881, p. 332.
——————— C. and S.: Cat. Moths of India, iii. 279. 1778 (1888).
——————— Hmn.: Ill. Typ. Lep. Het., B. M., viii. 12. 324 (1891).
——————— Faun. Brit. Ind. Moths, ii. p. 298 (1894).

Type. Ootacamund, in B. M.
a. Nilgiri Hills.

GENUS **ERASTRIA.** Ochs.: Eur. Schm., iv. p. 92 (1816).

1606. Erastria stygia.

Erastria stygia. Butler: Ann. Mag. N. H. (5), i. p. 199 (1878).
——————— Ill. Typ. Lep. Het., B. M., iii. p. 20, pl. 46, f. 2 (1879).
——————— Hmn.: Ill. Typ. Lep. Het., B. M., ix. 19. 420 (1893).
——————— Faun. Brit. Ind. Moths, ii. p. 301 (1894).
Erastria fasciana. Leech (nec Linn.): P. Z. S., Lond., 1889, p. 526.

Type. Yokohama, in B. M.
a. Nikko, Japan.

1607. Erastria melanostigma.

Erastria melanostigma. Hmn.: Faun. Brit. Ind. Moths, ii. p. 302 (1894).
——————— Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 47.

Type. Khasia Hills, in B. M.
a. Khasia Hills.

GENUS **MALIATTHA.** Walker: xxvii. 86 (1863).
Hyelopsis. Hampson: Faun. Brit. Ind. Moths, ii. p. 304 (1894).

1608. Maliattha separata.

Maliattha separata. Walker: l. c.
——————— Hampson: l. c., iv. App. p. 514 (1896).
Eankia renalis. Moore: Descr. Ind. Lep. Atk., p. 142 (1882).
——————— C. and S.: Cat. Moths of India, iii. 290. 1859 (1888).

Hyelopsis renalis. Hampson: l. c., ii. p. 305 (1894).

Type. Sarawak, Borneo, in B. M.

Type (*renalis*). Dharmsala, in B. M.

a. Cherra Punji (2).

1609. Maliattha signifera.

Acontia signifera. Walker: xii. 793 (1857).

——————— Leech: P. Z. S., Lond., 1889, p. 523.

Tarache signifera. Moore: Lep. Ceylon, iii. p. 47, pl. 150, f. 4 (1884).

——————— C. and S.: (part) Cat. Moths of India, iii. 291. 1865 (1888).

——————— Hampson: Ill. Typ. Lep. Het., B. M., viii. 13. 345, pl. 143, f. 22 (1891) and ix. 19. 432 (1893).

Hyelopsis signifera. Hampson: Faun. Brit. Ind. Moths, ii. p. 304 (1894).

Acontia subfixa. Walker: xxxv. 1964 (1866).

Type. N. India, in B. M.

Type (*subfixa*). Shanghai, in B. M.

a. Sarawak, Borneo (Wallace). b. Mysol (Wallace).

1610. Maliattha marginalis. Pl. 1. f. 9.

Acontia marginalis. Walker: Journ. Linn. Soc., Lond., vii. p. 49 (1864).

——————— xxxiii. 782 (1865).

a. Sarawak, Borneo (type) (Wallace).

1611. Maliattha vialis.

Acontia vialis. Moore: Descr. Ind. Lep. Atk., p. 135 (1882).

——————— C. and S.: Cat. Moths of India, iii. 289. 1851 (1888).

——————— Leech: P. Z. S., Lond., 1889, p. 523.

——————— Hampson: Ill. Typ. Lep. Het., B. M., viii. 13. 346 (1891).

Hyelopsis vialis. Hampson: Faun. Brit. Ind. Moths, ii. p. 304 (1894).

——————— Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 47.

Type. Dharmsala, in B. M.

a. Cherra Punji (2).

1612. Maliattha picata.

Acontia picata. Butler: Ill. Typ. Lep. Het., B. M., vii. p. 62, pl. 129, f. 2 (1889).

Hyelopsis picata. Hmn.: Faun. Brit. Ind. Moths, ii. p. 305 (1894).

——————— Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 48.

Type. Dharmsala, in B. M.

a. Khasia Hills (2).

1613. Maliattha frausa.

Phothedes frausa Swinhoe: P. Z. S., Lond., 1886, p. 446.

——————— C. and S.: Cat. Moths of India, iii. 292. 1874 (1888).

Hyelopsis frausa. Hampson: Faun. Brit. Ind. Moths, ii. p. 306 (1894).

Naranga pallida. Hampson: Ill. Typ. Lep. Het., B. M., ix. p. 96, pl. 162, f. 13 (1893).

Type. Mhow, in B. M.

Type (*pallida*). Ceylon, in B. M.

a. Deesa.

GENUS **UNCULA**. nov.

Differs from Maliattha in having the antennae bipectinate in the male, and with long cilia in the female.

1614. Uncula herbaria.

Hiccoda herbaria. Swinhoe: P. Z. S., Lond., 1886, p. 446.
———— C. and S.: Cat. Moths of India, iii. 285. 1819 (1888).
Hyelopsis herbaria. Hampson: Faun. Brit. Ind. Moths, ii. p. 306 (1894).

Type. Mhow, in B. M.
a. Poona.

GENUS **MICARDIA**. Butler: Ann. Mag. N. H. (5), i. p. 81 (1878).

1615. Micardia argentata.

Micardia argentata. Butler: l. c.
———— Ill. Typ. Lep. Het., B. M., ii. p. 23, pl. 28, f. 3. (1878).
———— Leech: P. Z. S., Lond., 1889, p. 535.

Type. Yokohama, in B. M.
a. Asama-yama, Japan.

1616. Micardia pulchra.

Micardia pulchra. Butler: Ann. Mag. N. H. (5), i. p. 81 (1878).
———— Ill. Typ. Lep. Het., B. M., ii. p. 23, pl. 28, f. 4. (1878).
———— Leech: P. Z. S., Lond., 1889, p. 535.

Type. Yokohama, in B. M.
a. Yokohama (Sansom).

GENUS **MEGALODES**. Guen.: Noct., iii. p. 261 (1852).

1617. Megalodes denticulosa.

Miana denticulosa. Walker: xxxii. 676 (1865).
Hydrilla denticulosa. Swinhoe: P. Z. S., Lond., 1885, p. 451.
———— C. and S.: Cat. Moths of India, iii. 329. 2135 (1888).
Megalodes denticulosa. Hmn.: Faun. Brit. Ind. Moths, ii. p. 310 (1894).

Type. S. India, in B. M.
a. Bombay.

GENUS **EULEPA**. Walker: Journ. Linn. Soc., Lond., vii. p. 54 (1864).

1618. Eulepa niveigutta. Pl. 1. f. 21.

Eulepa niveigutta. Walker: l. c.
———— xxxiii. 788 (1865).

a. Sarawak Borneo (type) (Wallace). b. Sarawak.

GENUS **HYELA**. Steph.: Cat. Lep. Brit., B. M., p. 149 (1850).
Bankia. Guen.: Noct., ii. p. 231 (1852).

1619. Hyela quadripartita.

Acontia quadripartita. Walker: xxxiii. 786 (1865).
———— Swinhoe: P. Z. S., Lond., 1885, p. 454, 1886, p. 445.
———— C. and S.: Cat. Moths of India, iii. 288. 1846 (1888).
———— Hmn.: Ill. Typ. Lep. Het., B. M., viii. 13. 344 (1891).
Hyela quadripartita. Hampson: Faun. Brit. Ind. Moths, ii. p. 308 (1894).

Type. N. India, in B. M.
a. Indore (Hearsay). b. Bombay (2).

GENUS **TOXOPHLEPS**. Hampson: Ill. Typ. Lep. Het., B. M., ix. p. 124 (1893).

1620. Toxophleps optiva.

Tarache optiva. Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 224.
Toxophleps optiva. Hampson: l. c., pl. 167, f. 26.
———— Faun. Brit. Ind. Moths, ii. p. 307 (1894).

Type. Rangoon, in B. M.
a. Calcutta.

GENUS **TARACHE**. Hübn.: Verz., p. 261 (1816).
Euphasia. Steph.: Ill. Brit. Ent. Haust., iii. p. 115 (1829).

1621. Tarache notabilis.

Calophasia notabilis. Walker: xi. 669 (1857).
———— C. and S.: Cat. Moths of India, iii. 285. 1823 (1888).
Tarache notabilis. Hampson: Faun. Brit. Ind. Moths, ii. p. 311 (1894).
———— P. Z. S., Lond., 1896, p. 261.

Type. Punjab, in B. M.
a. India. b. Indore (Hearsay).

1622. Tarache catena.

Noctua catena. Sowerby: Brit. Misc., p. 29, pl. 14 (1806).
Acontia catena. Steph.: Ill. Brit. Ent. Haust., iii. p. 116 (1829).
———— Guen.: Noct., ii. 214. 983 (1852).
Euphasia catena. Walker: xii. 781 (1857).
———— C. and S.: Cat. Moths of India, iii. 286. 1825 (1888).
Tarache catena. Hampson: Faun. Brit. Ind. Moths, ii. p. 312 (1894).
Desmophora elegans. Steph.: Cat. Brit. Ins., 6398 (1829).

a. India. b. Bombay (2).

1623. Tarache lucida.

Phalæna-Noctua lucida. Hüfn.: Berl. Mag., iii. 302. 424 (1767).
Acontia lucida. Warren: P. Z. S., Lond., 1888, p. 309.
Tarache lucida. Butler: Entom., xxv. p. 14 (1892).
———— Hampson: Faun. Brit. Ind. Moths, ii. p. 310 (1894).

Noctua solaris. Schiff: Wien. Verz., 90. 8 (1776).
Tarache solaris. Hübn.: Verz., 261. 2564 (1816).
Acontia solaris. Treit.: Schm. Eur., v. 244. 6 (1825).
Heliothisa solaris. Meig.: Syst. Besch., iii. p. 226, pl. 114, f. 6 (1832).
Acontia triradiata. Walker: xii. 794 (1857).
——————— C. and S.: Cat. Moths of India, iii. 289. 1849 (1888).

Type (*triradiata*). Punjab, in B. M.
a. India.

1624. Tarache opalinoides.

Acontia opalinoides. Guen.: Noct., ii. 219. 993 (1852).
——————— Walker: xii. 791 (1857).
——————— C. and S.: Cat. Moths of India, iii. 288. 1844 (1888).
Tarache opalinoides. Hampson: Faun. Brit. Ind. Moths, ii. p. 311 (1894).
Calophasia postica. Walker: xxxiii. 764 (1865).
Tarache postica. Swinhoe: P. Z. S., Lond., 1885, p. 454.
——————— Cotes and Swinh.: l. c., 290. 1864.
——————— Hampson: Ill. Typ. Lep. Het., B. M., viii. 13. 353 (1891), and ix. 19. 434 (1893).

Type (*postica*). S. India, in B. M.
a. Indore (Hearsay).

1625. Tarache swinhoei.

Anthœcia swinhoei. Butler: P. Z. S., Lond., 1883, p. 162.
——————— Swinhoe: P. Z. S., Lond., 1885, p. 449, 1886, p. 443.
——————— C. and S.: Cat. Moths of India, iii. 275. 1752 (1888).
Tarache swinhoei. Hampson: Faun. Brit. Ind. Moths, ii. p. 312 (1894).

Type. Assirghur, in B. M.
a. Poona.

1626. Tarache admetalis. Pl. 1, f. 14.

Pyralis admetalis. Walker: xix. 908 (1859).
a. Sarawak, Borneo (type) (Wallace).

1627. Tarache inordinata.

Acontia inordinata. Walker: Journ. Linn. Soc., Lond., vii. p. 50 (1864).
——————————— xxxiii. 782 (1865).

a. Sarawak, Borneo (type) (Wallace).

GENUS **AGROPHILA.** Guen.: Ann. Soc. Ent. Fr., x. p. 228 (1841).

1628. Agrophila nivosa.

Tarache nivosa. Swinhoe: P. Z. S., Lond., 1886, p. 446, pl. 41, f. 14.
——————— C. and S.: Cat. Moths of India, iii. 290. 1862 (1888).
Tarache olivea. Hmn. (nec Guen.): Faun. Brit. Ind. Moths, ii. p. 313 (1894).

Type. Mhow, in B. M.
a. Indore (Hearsay). b. India (2).

1629. Agrophila maculosa.

Acontia maculosa. Walker: xii. 795 (1857).
———— Butler: P. Z. S., Lond., 1880, p. 677.
———— C. and S.: Cat. Moths of India, iii. 288. 1840 (1888).

Type. China, in B. M.
a. Cambodia, Siam (Mohout). b. Ceylon. c. Indore (Hearsay).

1630. Agrophila tropica.

Acontia tropica. Guen.: Noct., ii. 217. 988 (1852).
———— Walker: xii. 790 (1857).
———— Moore: P. Z. S., Lond., 1867, p. 61.
Tarache tropica. Moore: Lep. Ceylon, iii. p. 47, pl. 150, f. 2 (1884).
———— C. and S.: Cat. Moths of India, iii. 291. 1866 (1888).
———— Hampson: (part) Ill. Typ. Lep. Het., B. M., viii. 13. 354 (1891), and ix. 19. 433 (1893).
———— Butler: Entom., xxv. p. 64 (1892).
Agrophila tropica. Hmn.: (part) Faun. Brit. Ind. Moths, ii. p. 314 (1894).

a. Indore (3) (Hearsay).

Hampson puts *tropica* and *maculosa* together, but though they are found in the same localities, I cannot believe they are the same species; he has figured the former which is a yellow insect; *maculosa* is white and the markings are not similar to those in *tropica*. I have both sexes of both species.

1631. Agrophila crocata.

Acontia crocata. Guen.: Noct., ii. 218. 989 (1852).
———— Walker: xii. 791 (1857).
———— Swinhoe: P. Z. S., Lond., 1885, p. 455, and 1886, p. 445.
———— C. and S.: Cat. Moths of India, iii. 286. 1832 (1888).
Tarache crocata. Hampson: Faun. Brit. Ind. Moths, ii. p. 314 (1894).
Acontia signifera. Walker: xii. 796.
———— Moore: P. Z. S., Lond., 1867, p. 61, and 1877, p. 607.
———— Swinhoe: P. Z. S., Lond., 1886, p. 445.
Tarache signifera. Cotes and Swinh.: (part), l. c., 291. 1865.
———— Butler: Entom., xxv. p. 64 (1892).
Acontia meridionalis. Walker: xxxiii. 785 (1865).
———— Butler: P. Z. S., Lond., 1880, p. 677.
———— Cotes and Swinh.: l. c., 288. 1841.
Acontia scanda. Felder: Reise Nov. Lep., pl. 108, f. 27 (1872).
———— Swinhoe: P. Z. S., Lond., 1885, p. 455.
———— Cotes and Swinh.: l. c., 1848.
———— Hampson: Ill. Typ. Lep. Het., B. M., ix. 19. 429 (1893).

Type (*signifera*). N. India, in B. M.
Type (*meridionalis*). S. India, in B. M.
Type (*scanda*). Bengal, in coll. Rothschild.
a. Indore (Hearsay). b. Bombay (3).

1632. Agrophila olivea.

Acontia olivea. Guen.: Noct., ii. 217. 986 (1852).
———— Walker: xii. 790 (1857).

Acontia olivea. Moore: P. Z. S., Lond., 1867, p. 61.
Tarache olivea. Moore: Lep. Ceylon, iii. p. 47, pl. 150, f. 3 (1884).
———— C. and S.: Cat. Moths of India, iii. 290. 1863 (1888).
———— Butler: Entom., xxv. p. 63 (1892).
———— Hampson: Faun. Brit. Ind. Moths, ii. p. 313 (1894).
Cilix olivacea. Hampson: Ill. Typ. Lep. Het., B. M., viii. p. 63, pl. 142, f. 9 (1891).
Tarache olivacea. Hampson: Faun. Brit. Ind. Moths, ii. p. 313.

Type (*olivacea*). Nilgiri Hills, in B. M.
a. India. b. Indore (Hearsay).

1633. Agrophila bicolora.

Acontia bicolora. Leech: Trans. Ent. Soc., Lond., 1889, p. 133, pl. 9, f. 7 ♂.
———— P. Z. S., Lond., 1889, p. 524.

Type. Japan in coll. Leech.
a. N. China.

1634. Agrophila karachiensis.

Acontia karachiensis. Swinhoe: P. Z. S., Lond., 1889, p. 410.
Tarache karachiensis. Hmn.: Faun. Brit. Ind. Moths, ii. p. 313 (1894).

Type. Karachi, in B. M.
a. Karachi.

1635. Agrophila flavonigra.

Rivula flavonigra. Swinhoe: P. Z. S., Lond., 1884, p. 522, pl. 47, f. 15.
———— C. and S.: Cat. Moths of India, iii. 458. 3026 (1888).
Tarache flavonigra. Hampson: Faun. Brit. Ind. Moths, ii. p. 316 (1894).
———— P. Z. S., Lond., 1896, p. 261.

Type. Karachi, in B. M.
a. Karachi.

Genus **XANTHOPTERA.** Guen.: Noct., ii. p. 240 (1852).
Phyllophila. Guen.: l. c., p. 254.
Bagada. Walker: xv. 1753 (1858).
Daona. Walker: Journ. Linn. Soc., Lond., vii. p. 190 (1864).
Hiccoda. Moore: Descr. Ind. Lep. Atk., p. 134 (1882).

1636. Xanthoptera spicea.

Perigea spicea. Guen.: Noct., i. 226. 358 (1852).
———— Walker: x. 275 (1856).
Xanthoptera spicea. Hampson: Faun. Brit. Ind. Moths, ii. p. 319 (1894).
Bagada spicea. Butler: Entom., xxv. p. 90 (1892).
Acontia firina. Swinhoe: P. Z. S., Lond., 1885, p. 455, pl. 27, f. 5.
———— C. and S.: Cat. Moths of India, iii. 287. 1835 (1888).
———— Hampson: Ill. Typ. Lep. Het., B. M., viii. 12. 337 (1891).

Type. Java, in B. M.
Type (*firina*). Poona, in B. M.
a. Bombay.

1637. Xanthoptera lignigera. Pl. 1. f. 8.

Rusicada lignigera. Walker: Journ. Linn. Soc., Lond., vii. p. 78 (1864).
———————— xxxiii. 865 (1865).

a. Sarawak, Borneo (type) (Wallace).

1638. Xanthoptera veprecola.

Prothedes veprecola. Swinhoe: P. Z. S., Lond., 1885, p. 456.
———————— C. and S.: Cat. Moths of India, iii. 292. 1875 (1888).
Xanthoptera veprecola. Hmn.: Faun. Brit. Ind. Moths, ii. p. 319 (1894).

Type. Poona, in B. M.
a. Indore (2) (Hearsay). b. Bombay.

1639. Xanthoptera opella.

Acontia opella. Swinhoe: P. Z. S., Lond., 1885, p. 456, pl. 27, f. 16.
Bankia opella. Butler: P. Z. S., Lond., 1886, p. 380.
———————— C. and S.: Cat. Moths of India, iii. 290. 1858 (1888).
Xanthoptera opella. Hampson: Faun. Brit. Ind. Moths, ii. p. 317 (1894).

Type. Poona, in B. M.
a. Poona. b. Mahableshwar.

1640. Xanthoptera excisa.

Acontia excisa. Swinhoe: P. Z. S., Lond., 1885, p. 455.
———————— C. and S.: Cat. Moths of India, iii. 287. 1834 (1888).
———————— Butler: Ill. Typ. Lep. Het., B. M., vii. p. 61, pl. 129, f. 5. 6 (1889).
Xanthoptera excisa. Hmn.: (part) Faun. Brit. Ind. Moths, ii. p. 318 (1894).

Type. Poona, in B. M.
a. Thanna, Bombay (McIver).

1641. Xanthoptera quintana.

Acontia quintana. Swinhoe: P. Z. S., Lond., 1885, p. 455, pl. 27, f. 13.
———————— C. and S.: Cat. Moths of India, iii. 288. 1847 (1888).

Type. Poona, in B. M.
a Khandalla.

1642. Xanthoptera mansueta. Pl. 1. f. 18.

Daona mansueta. Walker: Journ. Linn. Soc., Lond., vii. p. 190 (1864).
———————— xxxiii. 1092 (1865).

a. Sarawak, Borneo (type) (Wallace).

Genus **COSMIA.** Ochs.: Eur. Schm., iv. p. 48 (1816).
Elydna. Walker: xv. 1712 (1858).
Dorsippa. Walker: Journ. Linn. Soc., Lond., vii. p. 81 (1864).

1643. Cosmia restituta.

Cosmia restituta. Walker: x. 490 (1856).
———————— C. and S.: Cat. Moths of India, iii. 281. 1794 (1888).
———————— Hampson: Faun. Brit. Ind. Moths, ii. p. 321 (1894).

Type. Nepal, in B. M.
a. India.

1644. Cosmia notabilis. Pl. 1. f. 13.

Dorsippa notabilis. Walker: Journ. Linn. Soc., Lond., vii. p. 82 (1864).
———— xxxiii. 874 (1865).

a. Sarawak, Borneo (type) (Wallace).

1645. Cosmia distincta.

Cosmia distincta. Butler: Ann. Mag. N. H. (5), i. p. 192 (1878).
———— Ill. Typ. Lep. Het., B. M., ii. p. 32, pl. 31, f. 2 (1878).
———— Oberth: Études d'Ent., v. p. 19, pl. 9, f. 7 (1881).
Calymnia camptosigma. Leech (nec Mén): P. Z. S., Lond., 1889, p. 515.

Type. Yokohama, in B. M.

a. Yokohama (2) (Sansom).

1646. Cosmia transversa.

Elydna transversa. Walker: xv. 1713 (1858).
———— C. and S.: Cat. Moths of India, ii. 169. 1122 (1887).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 225.
Cosmia transversa. Hampson: Faun. Brit. Ind. Moths, ii. p. 321 (1894).

Type. Moulmein, in B. M.

a. Indore (Hearsay).

GENUS **ACONTIA.** Ochs.: Eur. Schm., iv. p. 91 (1816).
Xanthodes. Guen.: Noct., ii. p. 209 (1852).

1647. Acontia stramen.

Xanthodes stramen. Guen.: Noct., ii. 210. 976.
———— Walker: xii. 778 (1857).
———— Swinhoe: P. Z. S., Lond., 1885, p. 454.
———— C. and S.: Cat. Moths of India, iii. 284. 1812 (1888).
Acontia stramen. Hmn.: Ill. Typ. Lep. Het., B. M., viii. 12. 336 (1891).
Xanthia imparata. Walker: x. 467 (1856).
Xanthodes imparata. Moore: P. Z. S., Lond., 1867, p. 61.
———— Swinhoe: P. Z. S., Lond., 1885, p. 454.
———— Cotes and Swinhoe: l. c., 283. 1807.
Xanthodes impellens. Walker: xv. 1752 (1858).
———— Moore: l. c.
———— Butler: P. Z. S., Lond., 1880, p. 676.
———— Cotes and Swinhoe: l. c., 1808.
Xanthodes inefficiens. Walker: l. c.
———— Cotes and Swinhoe: l. c., 1809.
Acontia malvae. Hmn.: (part) Faun. Brit. Ind. Moths, ii. p. 322 (1894).

Types (*imparata* and *impellens*). N. India, in B. M.

Type (*inefficiens*). India, in B. M.

a. India. b. Bombay (2). c. Indore (8) (Hearsay).
d. Flores (Wallace).

1648. Acontia grællsii.

Acontia grællsii. Feisth.: Ann. Soc. Ent. Fr., vi. p. 300, pl. 12, f. 3 (1837).
———— Ramb.: Dup. Suppl., iii. p. 535, pl. 45 (1837).
———— Boisd.: Ind. Méth., 165. 1317 (1840).

Acontia grœllsii. Butler: Entom., xxv. p. 14 (1892).
———— Hampson: Faun. Brit. Ind. Moths, ii. p. 324 (1894).
———— P. Z. S., Lond., 1896, p. 261.
Xanthodes grœllsii. Guen.: Noct., ii. 211. 977 (1852).
———— Walker: xii. 777 (1857).
———— Millière: Icon. Descr. Chen. Lep. 1865, p. 73, pl. 59, f. 6, 7.
———— C. and S.: Cat. Moths of India, iii. 283. 1806 (1888).
Xanthodes innocens. Walker: xv. 1752 (1858).
———— Moore: P. Z. S., Lond., 1867, p. 61.
———— Swinhoe: P. Z. S., Lond., 1884, p. 517, 1885, p. 454.
———— Butler: P. Z. S., Lond., 1884, p. 496 and 1886, p. 380.
———— Cotes and Swinhoe: l. c., 1810.
———— Hmn.: Ill. Typ. Lep. Het., B. M., viii. 12. 335 (1891).
Xanthodes fimbriata. Walker: xxxiii. 777 (1865).

Type (*innocens*). Punjab, in B. M.
Type (*fimbriata*). Sierra Leone, in B. M.
a. Ootacamund (Grant).

1649. Acontia amata.

Xanthodes amata. Walker: xxxiii. 778 (1865).
Acontia amata. Butler: Entom., xxv. p. 14 (1892).

Type. Swan River, in B. M.
a. Queensland.

1650. Acontia transversa.

Xanthodes transversa. Guen.: Noct., ii. p. 211, pl. 10, f. 5 (1852).
———— Walker: xii. 778 (1857).
———— Moore: P. Z. S., Lond., 1867, p. 61, 1877, p. 605.
———— Butler: Ann. Mag. N. H. (5), xiii. p. 202 (1884).
———— Swinhoe: P. Z. S., Lond., 1885, p. 454.
———— Leech: (part) P. Z. S., Lond., 1889, p. 518.
———— Meyrick: Trans. Ent. Soc., Lond., 1889, p. 471.
Acontia transversa. Butler: Entom., xxv. p. 14 (1892).
———— Hmn.: Faun. Brit. Ind. Moths, ii. p. 323 (1894).
———— Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 48.
Acontia flava. Moore (nec Fabr.): Lep. Ceylon, iii. p. 42, pl. 149, f. 2. 2 *a* (larva) (1884).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 223.
———— Hmn.: Ill. Typ. Lep. Het., B. M., viii. 12. 334 (1891).
Xanthodes flava. C. and S.: Cat. Moths of India, iii. 283. 1805 (1888).
———— Hampson: l. c., ix. 19. 421 (1893).

a. Central India. b. Indore (4) (Hearsay). c. India (3).
d. Sarawak, Borneo (Wallace). e. Ké Island (Wallace).

1651. Acontia intersepta.

Xanthodes intersepta. Guen.: Noct., ii. 212. 979 (1852).
———— Walker: xii. 778 (1857).
———— Moore: P. Z. S., Lond., 1867, p. 61.
———— Lep. Ceylon, iii. p. 42, pl. 149, f. 3 (1884).
———— C. and S.: Cat. Moths of India, iii. 284. 1811 (1888).

Xanthodes intersepta. Druce: P. Z. S., Lond., 1888, p. 222.
Acontia intersepta. Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 223.
———— Hmn.: Faun. Brit. Ind. Moths, ii. p. 323 (1894).
Xanthodes duplicata. Walker: xxxiii. 778 (1865).
Acontia imitata. Moore: Lep. Ceylon, iii. p. 42, pl. 149, f. 4 (1884).
———— C. and S.: l. c., 287. 1837.
Xanthodes latescens. Walker: M. S.

Type (*imitata*). Ceylon, in B. M.
a. Siam (type *duplicata*) (Mouhot). b. Makian, Celebes (marked *latescens* by Walker) (Wallace).

In vol. xxxiii. p. 778, Walker says his *Xanthodes duplicata* is closely allied to *X. latescens*, but I cannot find that he has described the latter anywhere.

GENUS **SWINHOEA**. Hampson: Faun. Brit. Ind. Moths, ii. p. 324 (1894).

1652. Swinhoea vegeta.

Spadix vegetus. Swinhoe: P. Z. S., Lond., 1885, p. 475, pl. 28, f. 14 and 1886, p. 453.
———— C. and S.: Cat. Moths of India, iii. 461. 3043 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 267.
Swinhoea vegeta. Hampson: l. c., p. 325.
———— Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 48.

Type. Bombay, in B. M.
a. Indore (Hearsay).

GENUS **METACHROSTIS**. Hübn.: Verz., p. 204 (1816).
Ozarba. Walker: xxxii. 684 (1865).

1653 Metachrostis quinaria.

Leptosia quinaria. Moore: P. Z. S., Lond., 1881, p. 371.
———— Swinhoe: Trans. Ent. Soc., Lond., 1885, p. 350.
———— P. Z. S., Lond., 1886, p. 445.
———— C. and S.: Cat. Moths of India, iii. 296. 1902 (1888).
Metachrostis quinaria. Hmn.: Faun. Brit. Ind. Moths, ii. p. 326 (1894).
———— P. Z. S., Lond., 1896, p. 261.

Type. Allahabad, in B. M.
a. Indore (6) (Hearsay).

1654. Metachrostis boarmioides.

Homoptera boarmioides. Walker: Journ. Linn. Soc., Lond., vii. p. 83 (1864).
———— xxxiii. 878 (1865).

a. Sarawak, Borneo (type) (Wallace).

1655. Metachrostis egens.

Chlumetia egens. Moore: Lep. Ceylon, iii. p. 68, pl. 151, f. 9 (1884).
———— C. and S.: Cat. Moths of India, iii. 340. 2216 (1888).
———— Hmn.: Ill. Typ. Lep. Het., B. M., ix. 21. 499 (1893).

Metachrostis egens. Hampson: Faun. Brit. Ind. Moths, ii. p. 325 (1894).
Metachrostis contingens. Moore: P. Z. S., Lond., 1888, p. 412.
———— C. and S.: l. c., vi. Add. 749. 1902 A (1889).
Leptosia contingens. Butler: Ill. Typ. Lep. Het., B. M., vii. p. 65, pl. 129, f. 13 (1889).

Type. Ceylon, in B. M.
Type (*contingens*). Dharmsala, in B. M.
a. Ceylon.

1656. Metachrostis indecisa.

Acontia (?) *indecisa*. Walker: Journ. Linn. Soc., Lond., vii. p. 50 (1864).
———— xxxiii. 782 (1865).

a. Sarawak, Borneo (type) (Wallace).

1657. Metachrostis destituta.

Tarache destituta. Moore: Lep. Ceylon, iii. p. 48, pl. 150, f. 6 (1884).
———— C. and S.: Cat. Moths of India, iii. 290. 1860 (1888).
Ozarba destituta. Hampson: Ill. Typ. Lep. Het., B. M., ix. 19. 439 (1893).
Metachrostis destituta. Hmn.: Faun. Brit. Ind. Moths, ii. p. 327 (1894).
———— Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 49.

Type. Ceylon, in B. M.
a. Cherra Punji.

1658. Metachrostis mallarba.

Ozarba mallarba. Swinhoe: P. Z. S., Lond., 1885, p. 452, pl. 27, f. 3.
———— C. and S.: Cat. Moths of India, iii. 328. 2128 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 223.
Metachrostis mallarba. Hmn.: Faun. Brit. Ind. Moths, ii. p. 330 (1894).

Type. Poona, in B. M.
a. Poona. b. Indore (Hearsay).

1659. Metachrostis uberosa.

Thalpocares uberosa. Swinhoe: P. Z. S., Lond., 1885, p. 457.
———— C. and S.: Cat. Moths of India, iii. 295. 1898 (1888).
Metachrostis uberosa. Hampson: Faun. Brit. Ind. Moths, ii. p. 330 (1894).

Type. Poona, in B. M.
a. Poona.

1660. Metachrostis punctigera.

Ozarba punctigera. Walker: xxxii. 685 (1865).
———— Swinhoe: P. Z. S., Lond., 1885, p. 452.
———— C. and S.: Cat. Moths of India, iii. 328. 2129 (1888).
———— Leech: P. Z. S., Lond., 1889, p. 528.
———— Hampson: Ill. Typ. Lep. Het., B. M., viii. 13. 361, pl. 143, f. 6 (1891).
———— Butler: Entom., xxv. p. 141 (1892).
Metachrostis punctigera. Hmn.: Faun. Brit. Ind. Moths, ii. p. 329 (1894).
Grammodes excavata. Walker: xxxiii. 973 (1865).
———— Cotes and Swinh.: l. c., 411. 2677.

Type. China, in B. M.
Type (*excavata*). S. India, in B. M.
a. N. China. b. Bombay.

GENUS **TOANA**. Walker: xxxii. 500 (1865).
Naranga. Moore: P. Z. S., Lond., 1881, p. 356.

1661. Toana semiochrealis.

Toana semiochrealis. Walker: xxxii. 501.

a. Sarawak, Borneo (type) (Wallace).

1662. Toana curvifera.

Hydrelia curvifera. Walker: Trans. Ent. Soc., Lond., (3) i. p. 91 (1862).
———— xxxiii. 797 (1865).
Hyela curvifera. Moore: Lep. Ceylon, iii. p. 56 (1884).
———— C. and S.: Cat. Moths of India, iii. 296. 1906 (1888).
Naranga curvifera. Hampson: Faun. Brit. Ind. Moths, ii. p. 334 (1894).
Erastria securifera. Walker: Journ. Linn. Soc., Lond., vii. p. 58 (1864).
———— xxxiii. 791 (1865).
Naranga securifera. Hmn.: Ill. Typ. Lep. Het., B. M., ix. 19. 426 (1893).
Hyela senna. Swinhoe: Trans. Ent. Soc., Lond., 1891, p. 148, pl. 8, f. 14.

Type (*securifera*). Sarawak, Borneo, in B. M.
Type (*senna*). Poona, in B. M.
a. Ceylon (type). b. Sarawak (Wallace).

GENUS **RIVULA**. Guen.: Dup. Cat. Lep. Eur., p. 206 (1844).

1663. Rivula sordida.

Acontia? sordida. Walker: Journ. Linn. Soc., Lond., vii. p. 50 (1864).
———— xxxiii. 782 (1865).

a. Sarawak, Borneo (type) (Wallace).

1664. Rivula striatura.

Rivula striatura. Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 49, pl. 1, f. 10.

Type. Cherra Punji, in B. M.
a. Cherra Punji.

1665. Rivula bioculalis.

Rivula bioculalis. Moore: P. Z. S., Lond., 1877, p. 614.
———— Lep. Ceylon, iii. p. 253 (1885).
———— C. and S.: Cat. Moths of India, iii. 458. 3025 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 267, and 1895, p. 49.
———— Hmn.: Ill. Typ. Lep. Het., B. M., ix. 32. 830 (1893).
———— (part) Faun. Brit. Ind. Moths, ii. p. 334 (1894).

Type Port Blair, Andaman Islands, in B. M.
a. Cherra Punji (2).

1666. Rivula trilineata.

Rivula trilineata. Moore: Descr. Ind. Lep. Atk., Add. p. 291 (1888).
Hydrelia opalescens. Butler: Ill. Typ. Lep. Het., B. M., vii. p. 64, pl. 129, f. 10 (1889).

Type. Darjiling, in coll. Staudinger.
Type (*opalescens*). Dharmsala, in B. M.
a. Shillong.

1667. Rivula auripalpis.

Hydrelia auripalpis. Butler: Ill. Typ. Lep. Het., B. M., vii. p. 64, pl. 129, f. 8 (1889).
Rivula auripalpis. Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 49.
Type. Dharmsala, in B. M.
a. Cherra Punji (2).

1668. Rivula subpunctata. Pl. 1. f. 20.

Cholimma subpunctata. Walker: Journ. Linn. Soc., Lond., vii. p. 61 (1864).
——————— xxxiii. 796 (1865).
Scopula nexalis. Walker: xxxiv. 1473 (1865).
a. Sarawak, Borneo (type) (Wallace). b. Sarawak (type *nexalis*) (Wallace).

1669. Rivula barbipennis.

Rivula barbipennis. Hmn.: Journ. Bo. Nat. Hist. Soc., xi. (3) p. 448 (1898).
Type. Ceylon, in B. M.
a. Flores (Wallace).

Genus **PACHYLEPIS.** Felder: Reise Nov. Lep. Erklärung, p. 7, pl. 83, f. 12 (1868).

1670. Pachylepis dilectissima.

Ariola dilectissima. Walker: xv. 1751 (1858).
——————— Hampson: Ill. Typ. Lep. Het., B. M., viii. 12. 332 (1891), and ix. 17. 374 (1893).
Pachylepis dilectissima. Hmn.: Faun. Brit. Ind. Moths, ii. p. 337 (1894).
Pachylepis limacodina. Felder: l. c.
Type. Sarawak, Borneo, in B. M.
Type (*limacodina*). Sarawak, in coll. Rothschild.
a. Ceylon.

Genus **EUBLEMMA.** Hübn.: Verz., p. 256 (1816).
Anthophila. Ochs.: Eur. Schm., iv. p. 93 (1816). (praeocc.)
Porphyrinia. Hübn.: l. c.
Eronome. Hübn.: l. c.
Heliomanes. Sodoffsky: Bull. Soc. Nat. Mosc., pt. x, p. 16 (1837).
Micra. Guen.: Ann. Soc. Ent. Fr., x. p. 225 (1841).
Autoba. Walker: Journ. Linn. Soc., Lond., vii. p. 57 (1864).
Mestleta. Walker: xxxiii. 829 (1865).

1671. Eublemma amabilis.

Eublemma amabilis. Moore: Lep. Ceylon, iii. p. 54, pl. 150, f. 12 (1884).
——————— Swinhoe: P. Z. S., Lond., 1886, p. 447.
——————— C. and S.: Cat. Moths of India, iii. 297. 1909 (1888).

Eublemma amabilis. Hmn.: Ill. Typ. Lep. Het., B. M., ix. 20. 451 (1893).
———— Faun. Brit. Ind. Moths, ii. p. 339 (1894).

Type. Ceylon, in B. M.
a. Indore (Hearsay).

1672. Eublemma ragusana.

Anthophila ragusana. Freyer: Neue Beitr., v. p. 92 (1845).
Eublemma ragusana. Hmn.: Faun. Brit. Ind. Moths, iv. App. p. 516 (1896).
Anthophila virginea. Guen.: Noct., ii. p. 248 (1852).
Eublemma virginea. Hampson: l. c., ii. p. 339 (1894).
Hypena quinquelinealis. Moore: P. Z. S., Lond., 1877, p. 612.
———— Cotes and Swinh.: Cat. Moths of India, iii. 443. 2907 (1888).
Ophiuche quinquelinealis. Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 261.

Type (*quinquelinealis*). S. Andaman's, in B. M.
a. Flores (Wallace).

1673. Eublemma roseonivea. Pl. 1. f. 11.

Acontia roseonivea. Walker: Journ. Linn. Soc., Lond., vii. p. 49 (1864).
———— xxxiii. 782 (1865).

a. Sarawak, Borneo (type) (Wallace).

1674. Eublemma rosita.

Micra rosita. Guen.: Noct., ii. 245. 1036 (1852).
———— Walker: xii. 825 (1857).
Eublemma rosita. Butler: Entom., xxv. p. 141 (1892).
———— Hmn.: Ill. Typ. Lep. Het., B. M., ix. 20. 447 (1893).
———— Faun. Brit. Ind. Moths, ii. p. 340 (1894).
Micra derogata. Walker: l. c.
———— Butler: P. Z. S., Lond., 1880, p. 677.
———— Swinhoe: P. Z. S., Lond., 1884, p. 518.
Anthophila derogata. Moore: Lep. Ceylon, iii. p. 53, pl. 150, f. 18 (1884).
———— C. and S.: Cat. Moths of India, iii. 293. 1881 (1888).

Type (*derogata*). Australia, in B. M.
a. Moreton Bay. b. Sarawak, Borneo (Wallace). c. Ceylon.

1675. Eublemma abrupta.

Mestleta abrupta. Walker: xxxiii. 830 (1865).
———— Swinhoe: P. Z. S., Lond., 1885, p. 469.
———— Moore: Lep. Ceylon, iii. p. 208, pl. 174, f. 2, 2 *a* (1885).
———— C. and S.: Cat. Moths of India, iii. 428. 2798 (1888).
———— Hmn.: Ill. Typ. Lep. Het., B. M., ix. 29. 710 (1893).
Selenis abrupta. Moore: P. Z. S., Lond., 1867, p. 78.
Eublemma abrupta. Hampson: Faun. Brit. Ind. Moths, ii. p. 342 (1894).
———— P. Z. S., Lond., 1896, p. 262.

a. India (type).

1676. Eublemma crassiuscula.

Thermesia crassiuscula. Walker: Journ. Linn. Soc., Lond., vii. p. 186 (1864).
———— xxxiii. 1038 (1865).

Mestleta duplexa. Moore: P. Z. S., Lond., 1877, p. 611, pl. 60, f. 5.
——————— C. and S.: Cat. Moths of India, iii. 429. 2804 (1888).
Eublemma duplexa. Hmn.: Faun. Brit. Ind. Moths, ii. p. 343 (1894).

Type (*duplexa*). S. Andamans, in B. M.
a. Sarawak, Borneo (type) (Wallace).

1677. Eublemma versicolor.

Autoba versicolor. Walker: Journ. Linn. Soc., Lond., vii. p. 58 (1864).
——————— xxxiii. 789 (1865).
Mestleta angulifera. Moore: Descr. Ind. Lep. Atk., p. 179 (1882).
——————— Lep. Ceylon, iii. p. 208, pl. 175, f. 2. 2 *a* (1885).
——————— C. and S.: Cat. Moths of India, iii. 428. 2800 (1888).
——————— Hmn.: Ill. Typ. Lep. Het., B. M., ix. 29. 711 (1893).
Eublemma angulifera. Hmn.: Faun. Brit. Ind. Moths, ii. p. 343 (1894).

Type (*angulifera*). Calcutta, in coll. Staudinger.
a. Sarawak, Borneo (type) (Wallace). b. Nilgiri Hills (2).

1678. Eublemma trifasciata.

Thalpochares trifasciata. Moore: P. Z. S., Lond., 1881, p. 370, pl. 38, f. 21.
——————— Descr. Ind. Lep. Atk., p. 139 (1882).
——————— Cotes and Swinh.: Cat. Moths of India, iii. 295. 1897 (1888).
Eublemma trifasciata. Hmn.: Faun. Brit. Ind. Moths, ii. p. 343 (1894).
Thalpochares quadrilineata. Moore: P. Z. S., Lond., 1881, p. 370, pl. 38, f. 14.
——————— Descr. Ind. Lep. Ath., p. 140.
——————— Cotes and Swinh.: l. c., 1894.
Mestleta fasciosa. Moore: Lep. Ceylon, iii. p. 552, pl. 214, f. 12 (1887).
Mestleta baccalix. Swinhoe: P. Z. S., Lond., 1886, p. 452, pl. 40, f. 7.
Mestleta baccaliæ. Cotes and Swinh.: l. c., 428. 2801.
——————— Hmn.: Ill. Typ. Lep. Het., B. M., ix. 29. 712 (1893).

Type. Calcutta, in B. M.
Type (*quadrilineata*). Calcutta, in B. M.
Type (*fasciosa*). Ceylon, in B. M.
Type (*baccalix*). Mhow, in B. M.
a. Nilgiri Hills.

1679. Eublemma bulla.

Anthophila bulla. Swinhoe: P. Z. S., Lond., 1884, p. 518, pl. 47, f. 9.
——————— C. and S.: Cat. Moths of India, iii. 293. 1880 (1888).
Eublemma bulla. Hampson: Faun. Brit. Ind. Moths, ii. p. 338 (1894).
——————— P. Z. S., Lond., 1896, p. 262.
Marimatha pura. Swinhoe: P. Z. S., Lond., 1885, p. 456, pl. 28, f. 16.
——————— Cotes and Swinh.: l. c., 291. 1868.

Type. Karachi, in B. M.
Type (*pura*). Poona, in B. M.
a. Karachi.

1680. Eublemma intractata. Pl. 1. f. 23.

Capnodes intractata. Walker: Journ. Linn. Soc., Lond., vii. p. 188 (1864).
——————— xxxiii. 1072 (1865).

a. Sarawak, Borneo (type) (Wallace).

In Cat. Lep. Het., xxxiii. p. 1072, Walker has entered this species as from Java; this is a printer's error; the type is marked Sarawak, and all Wallace's moths described in Walker's paper above referred to are stated therein as from Sarawak.

1681. Eublemma posticata.

Eupithecia posticata. Walker: xxxv. 1678 (1866).

a. Sarawak, Borneo (type) (Wallace).

The type specimen is much rubbed.

Genus **PSEUDOMICRA.** Butler: Entom., xxv. p. 91 (1892).

1682. Eublemma marginalis.

Anthophila marginalis. Walker: xxxiii. 802 (1865).
Pseudomicra marginalis. Butler: l. c.
Rhodaria formosalis. Walker: xxxiv. 1284 (1865).

Type. Moreton Bay, in B. M.

Type (*formosalis*). Australia, in B. M.

a. E. Australia (2).

Genus **FLAMMONA.** Walker: Journ. Linn. Soc., Lond., vii. p. 55 (1864).

1683. Flammona quadrifasciata. Pl. 1. f. 24.

Flammona quadrifasciata. Walker: l. c.
——————————— xxxiii. 789 (1865).

a. Sarawak, Borneo (type) (Wallace).

Genus **CHOLIMMA.** Walker: Journ. Linn. Soc., Lond., vii. p. 60 (1864).

Troctoptera. Hampson: Ill. Typ. Lep. Het., B. M., ix. p. 99 (1893).

1684. Cholimma leucanioides.

Cholimma leucanioides. Walker: l. c., p. 61.
——————————— xxxiii. 796 (1865).

a. Sarawak, Borneo (type) (Wallace).

1685. Cholimma bisectalis.

Cataclysta (?) *bisectalis.* Walker: xvii. 449 (1859).
Paraponyx (?) *bisectalis.* Walker: xix. 954 (1859).
Niaccaba bisectalis. Moore: Lep. Ceylon, iii. p. 304, pl. 179, f. 12 (1885).
——————————— C. and S.: Cat. Moths of India, v. 649. 4403 (1888).
Troctoptera bisectalis. Hmn.: Faun. Brit. Ind. Moths, iv. App. p. 517 (1896).

Type. Ceylon, in B. M.

a. Ceylon (3) (Thwaites).

Genus **CERYNEA.** Walker: xix. 878 (1859).
Obana. Walker: xxiv. 1103 (1862).
Zurobata. Walker: xxxiv. 1276 (1865).
Zagira. Walker: xxxv. 1637 (1866).
Gyrognatha. Hampson: Ill. Typ. Lep. Het., B. M., ix. p. 134 (1893).

1686. Cerynea omphisalis.

Cerynea omphisalis. Walker: xix. 878.
Ephyra (?) *contentaria.* Walker: xxii. 639 (1861).
Zagira contentaria. Hampson: Faun. Brit. Ind. Moths, ii. p. 346 (1894).
Acidalia disjunctaria. Walker: xxiii. 766 (1861).
Obana vagipennata. Walker: xxiv. 1103.
Nechesia (?) *mundicolaria.* Walker: xxiv. 1104.
Chusaris (?) *punctilinealis.* Walker: xxxiv. 1175.
———— Moore: Lep. Ceylon, iii. p. 252 (1885).
———— Swinhoe: P. Z. S., Lond., 1885, p. 476.
———— C. and S.: Cat. Moths of India, iii. 447. 2935 (1888).
———— Hampson: Ill. Typ. Lep. Het., B. M., viii. 24. 671 (1891), and ix. p. 124, pl. 167, f. 27 (1893).

Type (*punctilinealis*). Ceylon, in B. M.
a. Sarawak, Borneo (type) (Wallace). b. Sarawak (type *contentaria*) (Wallace). c. Sarawak (type *disjunctaria*) (Wallace). d. Sarawak (type *vagipennata*) (Wallace). e. Sarawak (type *mundicolaria*) (Wallace).

The type of *omphisalis* is somewhat worn. The type specimen of *dispunctalis* is very much worn, but I have no doubt that all the above are one species.

1687. Cerynea lunifera.

Mestleta lunifera. Moore: Lep. Ceylon, iii. p. 209, pl. 175, f. 3 (1885).
———— C. and S.: Cat. Moths of India, iii. 429. 2807 (1888).
———— Hmn.: Ill. Typ. Lep. Het., B. M., ix. 29. 716 (1893).
Zagira lunifera. Hampson: Faun. Brit. Ind. Moths, ii. p. 345 (1894).

Type. Ceylon, in B. M.
a. Indore (Hearsay).

1688. Cerynea vacillans.

Selenis vacillans. Walker: Journ. Linn. Soc., Lond., vii. p. 189 (1864).
———— xxxiii. 1066 (1865).
Selenis æqualis. Walker: Journ. Linn. Soc., Lond., vii. p. 189.
Selenis inæqualis. Walker: l. c.
Selenis irrecta. Walker: xxxiii. 1066.
———— Moore: P. Z. S., Lond., 1867, p. 78.
Mestleta irrecta. Moore: Lep. Ceylon, iii. p. 209, pl. 174, f. 1, 1 *a* (1885).
———— C. and S.: Cat. Moths of India, iii. 429. 2806 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 258.
———— Hmn.: Ill. Typ. Lep. Het., B. M., viii. 22. 619 (1891), and ix. 29. 715 (1893).

Zagira irrecta. Hampson: Faun. Brit. Ind. Moths, ii. p. 345 (1894).
———— Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 50.
Selenis niviapex. Walker: xxxiii. 1069.
———— Swinhoe: P. Z. S., Lond., 1885, p. 468.

Type. Sarawak, Borneo, in B. M.
Types (*irrecta* and *niviapex*). Ceylon, in B. M.
a. Sarawak (type *æqualis*) (Wallace). b. Sarawak (type *inæqualis*) (Wallace).

1689. Cerynea divisa.

Selenis divisa. Walker: Trans. Ent. Soc., Lond., (3) i. p. 107 (1862).
———— xxxiii. 1066 (1865).
———— Hampson: Ill. Typ. Lep. Het., B. M., viii. 22. 618 (1891).
Mestleta divisa. Moore: Lep. Ceylon, iii. p. 210, pl. 174, f. 7 (1885).
———— C. and S.: Cat. Moths of India, iii. 429. 2803 (1888).
———— Hampson: l. c., ix. 29. 713 (1893).
Zagira divisa. Hampson: Faun. Brit. Ind. Moths, ii. p. 345 (1894).
Selenis semilux. Walker: xxxiii. 1069 (1865).
———— Swinhoe: P. Z. S., Lond., 1885, p. 469.
Selenis lauta. Butler: Ill. Typ. Lep. Het., B. M., ii. p. 44, pl. 34, f. 1 (1878).

Type (*semilux*). Ceylon, in B. M.
Type (*lauta*). Yokohama, in B. M.
a. India (type).

1690. Cerynea acidaliaria.

Zagira acidaliaria. Walker: xxxv. 1638 (1866).
———— Hampson: Faun. Brit. Ind. Moths, ii. p. 347 (1894).
Cyrognatha atriceps. Hampson: Ill. Typ. Lep. Het., B. M., ix. p. 134, pl. 186, f. 10 (1893).

a. Sarawak, Borneo (type) (Wallace). b. Mysol (Wallace).

1691. Cerynea rorata.

Zurobata rorata. Walker: xxxiv. 1276 (1865).
———— Hampson: Faun. Brit. Ind. Moths, iv. p. 518 (1896).
Mestleta multiguttata. Moore: Lep. Ceylon, iii. p. 210, pl. 174, f. 8 (1885).
———— C. and S.: Cat. Moths of India, iii. 429. 2808 (1888).
———— Hmn.: Ill. Typ. Lep. Het., B. M., ix. 29. 717 (1893).
Zagira multiguttata. Hampson: Faun. Brit. Ind. Moths, ii. p. 346 (1894).

Type (*multiguttata*). Ceylon, in B. M.
a. Sarawak, Borneo (type) (Wallace).

1692. Cerynea diversalis. Pl. 1. f. 19.

Bertula diversalis. Walker: xxxiv. 1169 (1865).

a. Ceram (type) (Wallace).

1693. Cerynea ustula.

Zurobata ustula. Hmn.: Journ. Bo. Nat. Hist. Soc., xi. (3) p. 450 (1898).

Type. Andamans, in B. M.
a. Sarawak, Borneo (2) (Wallace).

GENUS **CORGATHA.** Walker: xvi. 215 (1858).
Palara. Walker: xxiv. 1090 (1862).
Carmara. Walker: Journ. Linn. Soc., Lond., vii. p. 62 (1864).
Ausinza. Walker: l. c., p. 192.
Zitna. Walker: xxxiv. 1276 (1865).

1694. Corgatha costinotalis.

Hypena costinotalis. Moore: P. Z. S., Lond., 1867, p. 83.
———— C. and S.: Cat. Moths of India, iii. 439. 2870 (1888).
Corgatha costinotalis. Hampson: Faun. Brit. Ind. Moths, ii. p. 347 (1894).
Capnodes minor. Moore: Lep. Ceylon, iii. p. 212, pl. 174, f. 11 (1885).
———— Cotes and Swinh.: l. c., 426. 2779.
———— Hmn.: Ill. Typ. Lep. Het., B. M., ix. 28. 705 (1893).

Type. Darjiling, in coll. Russell.
Type (*minor*). Ceylon, in B. M.
a. India.

1695. Corgatha quadricostaria.

Hyria (?) *quadricostaria.* Walker: xxii. 667 (1861).

a. Sarawak, Borneo (type) (Wallace).

The type specimen is a mere fragment, but the head, thorax, and fore-wings are left in good condition, the markings are similar to those on *C. costinotalis*, but there are only two costal spots, instead of three, and the insect is much smaller.

1696. Corgatha rubra.

Mestleta rubra. Hampson: Ill. Typ. Lep. Het., B. M., viii. p. 92, pl. 147, f. 16 (1891).
Corgatha rubra. Hampson: Faun. Brit. Ind. Moths, ii. p. 347 (1894).

Type. Nilgiri Hills, in B. M.
a. Nilgiri Hills (2).

1697. Corgatha implexata. Pl. 1. f. 26.

Palara implexata. Walker: xxiv. 1090 (1862).

a. Sarawak, Borneo (type) (Wallace).

1698. Corgatha tana. nov. Pl. II. f. 9.

♂ Greyish olive, irrorated with minute black atoms: three or four black spots on the costa of fore-wings; a black spot at end of cell in both wings; lines pale, yellowish, nearly straight, ante-medial on fore-wings, discal on both wings: both wings with a double row of black marginal spots.

Expanse of wings, $\frac{7}{10}$ inch.

a. N. China (type).

Allied to *C. æqua W.* lines similarly disposed: but *æqua* is a red insect without discal spots.

1699. Corgatha æqua. Pl. II. f. 18.

Ausinza æqua. Walker: Journ. Linn. Soc., Lond., vii. p. 192 (1864).
———————— xxxiii. 1092 (1865).

a. Sarawak, Borneo (type) (Wallace).

1700. Corgatha albicinctalis. Pl. II. f. 13.

Zitna albicinctalis. Walker: xxxiv. 1277 (1865).

a. Sarawak, Borneo (type) (Wallace).

1701. Corgatha subcervina.

Carmara subcervina. Walker: Journ. Linn. Soc., Lond., vii. p. 63 (1864).
———————— xxxiii. 797 (1865).

a. Sarawak, Borneo (type) (Wallace).

GENUS **ORUZA.** Walker: xxiv. 1089 (1862).
Arasada. Moore: Lep. Ceylon, iii. p. 188 (1885).

1702. Oruza costata.

Oruza costata. Walker: l. c.
———————— C. and S.: Cat. Moths of India, iv. 547. 3688 (1888).
———————— Hampson: Faun. Brit. Ind. Moths, ii. p. 350 (1894).

a. India (type).

1703. Oruza ineffectaria.

Acidalia ineffectaria. Walker: xxiii. 769 (1861).
Arasada ruptifascia. Moore: Descr. Ind. Lep. Atk., p. 290 (1888).
———————— Hampson: Faun. Brit. Ind. Moths, ii. p. 349 (1894), and iv. App. p. 520 (1896).
Arasada lycaugesaria. Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 232.
———————— Hampson: l. c., ii. p. 350.
Oruza lycaugesaria. Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 50.

Type (*ruptifascia*). Calcutta, in coll. Staudinger.
Type (*lycaugesaria*). Rangoon, in B. M.
a. Sarawak, Borneo (type) (Wallace).

GENUS **ENISPA.** Walker: xxxiv. 1275 (1865).
Micræschus. Butler: Ann. Mag. N. H. (5), i. p. 402 (1878).

1704. Enispa eosarialis.

Enispa eosarialis. Walker: l. c.

a. Sarawak, Borneo (type).

The type specimen is a male, not female, as stated by Walker: it is much damaged.

GENUS **TROGACONTIA.** Hampson: Faun. Brit. Ind. Moths, iv. App. p. 520 (1896).

1705. Trogacontia ruficeps. Pl. I. f. 17.

Thermesia ruficeps. Walker: Journ. Linn. Soc., Lond., vii. p. 186 (1864).
———————— xxxiii. 1038 (1865).

Thermesia sparsa. Walker: Journ. Linn. Soc., Lond., vii. p. 187.
———————— xxxiii. 1038.

a. Sarawak, Borneo (type) (Wallace). b. Sarawak (type *sparsa*) (Wallace). c. Sarawak (Wallace).

Family **PALINDIDÆ.**

Genus **DINUMMA.** Walker: xv. 1805 (1858).

1706. Dinumma placens.

Dinumma placens. Walker: xv. 1806.
———————— Moore: Lep. Ceylon, iii. p. 101, pl. 156, f. 11 (1885).
———————— C. and S.: Cat. Moths of India, iii. 365. 2396 (1888).
———————— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 235, and 1895, p. 50.
———————— Hampson: Ill. Typ. Lep. Het., B. M., viii. 18. 504 (1891), and ix. 23. 554 (1893).
———————— Faun. Brit. Ind. Moths, ii. p. 355 (1894).
Dinumma varians. Butler: Ill. Typ. Lep. Het., B. M., vii. p. 73, pl. 131, f. 9. 10 (1889).

Type. Ceylon, in B. M.
Type (*varians*). Dharmsala, in B. M.
a. India. b. Singapore (2).

1707. Dinumma deponens.

Dinumma deponens. Walker: xv. 1806 (1858).
———————— C. and S.: Cat. Moths of India, iii. 364. 2394 (1888).
———————— Hmn.: Faun. Brit. Ind. Moths, ii. p. 355 (1894).
———————— Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 50.
Dichonia bipunctata. Motsch.: Et. Ent., 1860, p. 32.
———————— Leech: Trans. Ent. Soc., Lond., 1889, p. 136.
Dinumma bipunctata. Leech: P. Z. S., Lond., 1889, p. 541.
Dinumma largeteaui. Oberth.: Et. Ent., x. p. 28, pl. 11, f. 7 (1884).

a. India (type). b. India. c. N. China.

Genus **CALLYNA.** Guen.: Noct., i. p. 112 (1852).

1708. Callyna siderea.

Callyna siderea. Guen.: Noct., i. 113. 178.
———————— Walker: xiii. 1119 (1857).
———————— Moore: P. Z. S., Lond., 1867, p. 66.
———————— Swinhoe: P. Z. S., Lond., 1885, p. 460.
———————— C. and S.: Cat. Moths of India, iii. 364. 2393 (1888).
———————— Hmn.: Faun. Brit. Ind. Moths, ii. p. 356 (1894).

a. Central India (?) (Hearsay).

1709. Callyna monoleuca.

Callyna monoleuca. Walker: xv. 1667 (1858), and xxxiii. 914 (1865).
———————— Moore: P. Z. S., Lond., 1867, p. 66.

Callyna monoleuca. C. and S.: Cat. Moths of India, iii. 364. 2391 (1888).
——— Hmn.: Ill. Typ. Lep. Het., B. M., viii. 18. 503 (1891).
——— Faun. Brit. Ind. Moths, ii. p. 356 (1894).

Type. Kanara, in B. M.
a. India. b. Darjiling.

1710. Callyna jugaria.

Callyna jugaria. Walker: xv. 1809 (1858).
——— Swinhoe: P. Z. S., Lond., 1885, p. 460.
——— C. and S.: Cat. Moths of India, iii. 364. 2390 (1888).
——— Hampson: Ill. Typ. Lep. Het., B. M., viii. 18. 502 (1891), and ix. p. 106, pl. 163, f. 20 (1893).
——— Faun. Brit. Ind. Moths, ii. p. 356 (1894).
——— Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 50.

Type. N. India, in B. M.
a. India. b. Central India (2) (Hearsay).

1711. Callyna costiplaga.

Callyna costiplaga. Moore: Lep. Ceylon, iii. p. 100, pl. 156, f. 10 (1885).
——— C. and S.: Cat. Moths of India, iii. 364, 2389 (1888).
——— Hampson: Ill. Typ. Lep. Het., B. M., viii. 18. 501 (1891), and ix. 23. 552 (1893).
——— Faun. Brit. Ind. Moths, ii. p. 357 (1894).

Type. Ceylon, in B. M.
a. Indore (2) (Hearsay).

1712. Callyna villiana.

Dinumma villiana. Swinhoe: Ann. Mag. N. H. (6), xii. p. 263 (1893).

Type. Singapore, in B. M.
a. Singapore (Davison).

GENUS **WESTERMANNIA.** Hübn.: Verz., p. 250 (1816).
Plusiodes. Guen.: Noct., ii. p. 385 (1852).

1713. Westermannia superba.

Westermannia superba. Hübn.: l. c.
——— Zutr. Samml. Exot. Schmett., p. 23, figs. 323. 324 (1823).
——— Walker: xii. 975 (1857).
——— Moore: Lep. Ceylon, iii. p. 80, pl. 154, f. 1. 1*a* (1884).
——— Swinhoe: P. Z. S., Lond., 1885, p. 458.
——— Cotes and Swinhoe: Cat. Moths of India, iii. 331. 2150 (1888).
——— Hampson: Ill. Typ. Lep. Het., B. M., viii. 15. 421 (1891), and ix. 17. 367 (1893).
——— Faun. Brit. Ind. Moths, ii. p. 359 (1894).
Plusiodes westermannii. Guen.: Noct., ii. 386. 1247 (1852).

a. Ceylon (2). b. Mackessar, Celebes (Wallace). c. Sumatra (Wallace). d. India.

Genus **URBONA**. Walker: Journ. Linn. Soc., Lond., vi. p. 183 (1862).

Negeta. Walker: xxiv. 1105 (1862).

Nagasena. Moore: Descr. Ind. Lep. Atk., p. 151 (1882).

1714. Urbona sublineata. Pl. II. f. 19.

Urbona sublineata. Walker: l. c., p. 184.
——————————— xxxii. 638 (1865).

a. Sarawak, Borneo (type) (Wallace).

1715. Urbona leucophæa.

Acontia leucophæa. Walker: Journ. Linn. Soc., Lond., vii. p. 49 (1864).
——————————— xxxiii. 782 (1865).
Nagasena albescens. Moore: Descr. Ind. Lep. Atk., p. 152 (1882).
——————————— C. and S.: Cat. Moths of India, iii. 331. 2152 (1888).
——————————— Hmn.: Faun. Brit. Ind. Moths, ii. p. 360 (1894).

Type (*albescens*). Darjiling, in coll. Rothschild.
a. Sarawak, Borneo (type) (Wallace).

1716. Urbona contrariata.

Negeta contrariata. Walker: xxiv. 1105 (1862).
Hypena dentilinealis. Moore: P. Z. S., Lond., 1877, p. 613, pl. 60, f. 7.
——————————— C. and S.: Cat. Moths of India, iii. 439. 2871 (1888).
Nagasena dentilinealis. Hmn.: Faun. Brit. Ind. Moths, iii. p. 360 (1895).

Type (*dentilinealis*). Andamans, in B. M.
a. Sarawak, Borneo (type) (Wallace). b. Flores (Wallace).
c. Pt. Blair, Andaman Islands.

Genus **BREVIPECTEN**. Hampson: Faun. Brit. Ind. Moths, ii. p. 361 (1894).

1717. Brevipecten captatus.

Euclidia captata. Butler: Ill. Typ. Lep. Het., B. M., vii. p. 79, pl. 133, f. 1 (1889).
——————————— Hmn.: Ill. Typ. Lep. Het., B. M., viii. 21. 595 (1891).
Brevipecten captatus. Hampson: Faun. Brit. Ind. Moths, ii. p. 361.

Type. Kangra, in B. M.
a. Central India (Hearsay).

Genus **MAXILUA**. Walker: Journ. Linn. Soc., Lond., vii. p. 168 (1864).

1718. Maxilua frontalis. Pl. II. f. 8.

Maxilua frontalis. Walker: l. c., p. 169.
——————————— xxxiii. 901 (1865).

a. Sarawak, Borneo (type) (Wallace).

Genus **NERTOBRIGA**. Walker: Journ. Linn. Soc., Lond., vii. p. 75 (1864).

Doranaga. Moore: Lep. Ceylon, iii. p. 553 (1887).

1719. Nertobriga signata.

Ariolica (?) *signata*. Walker: Journ. Linn. Soc., Lond., vii. p. 54.
———— xxxiii. 787 (1865).
Nertobriga reversa. Walker: Journ. Linn. Soc., Lond., vii. p. 75.
———— xxxiii. 850.
Ariolica leucospila. Walker: xxxiii. 788.
Doranaga leucospila. Hampson: Faun. Brit. Ind. Moths, ii. p. 362 (1894).
Doranaga apicalis. Moore: Lep. Ceylon, iii. p. 553, pl. 214, f. 7.
———— C. and S.: Cat. Moths of India, iii. 433, 2836 (1888).
———— Hampson: Ill. Typ. Lep. Het., B. M., viii. 22. 624 (1891), and ix. 29. 723 (1893).

Type (*apicalis*). Ceylon, in B. M.

a. Sarawak, Borneo (type) (Wallace). b. Singapore (type *leucospila*) (Wallace). c. Mysol (Wallace). d. Sarawak (type *reversa*) (Wallace).

1720. Nertobriga soliera.

Doranaga soliera. Swinhoe: Ann. Mag. N. H. (6), xv. p. 7 (1895).
———— Trans. Ent. Soc., Lond., 1895, p. 59.
———— Hmn.: Faun. Brit. Ind. Moths, iv. App. p. 523 (1896).

Type. Shillong, in B. M.

a. Shillong.

1721. Nertobriga abbreviata.

Leucania abbreviata. Walker: Journ. Linn. Soc., Lond., vi. p. 180 (1862).
———— xxxii. 624 (1865).

a. Sarawak, Borneo (type) (Wallace).

Genus **PTEROGONIA**. Swinh.: Trans. Ent. Soc., Lond., 1891, p. 152.

Craspedogonia. Hmn: Ill. Typ. Lep. Het., B. M., ix. p. 117 (1893).

1722. Pterogonia aurigutta. Pl. II. f. 7.

Thalatta aurigutta. Walker: xv. 1793 (1858).

a. Singapore (type) (Wallace).

Genus **HOMODES**. Guen.: Noct., ii. p. 280 (1852).

Philecia. Walker: xxiv. 1088 (1862).

1723. Homodes crocea.

Homodes crocea. Guen.: l. c., pl. 11, f. 2.
———— Walker: xii. 852 (1857).
———— Moore: P. Z. S., Lond., 1877, p. 605, pl. 60, f. 3.
———— C. and S.: (part) Cat. Moths of India, iii. 336. 2189 (1888).
———— Hampson: Faun. Brit. Ind. Moths, ii. p. 364 (1894).
Homodes pulchripicta. Walker: M. S.

a. Sarawak (marked *pulchripicta*) (Wallace). b. Singapore (Wallace).

1724. Homodes vivida.

Homodes vivida. Guen.: Noct., ii. 280. 1084 (1852).
———— Walker: xii. 852 (1857).
———— Hampson: Ill. Typ. Lep. Het., B. M., ix. p. 101, pl. 163, f. 17 (1893).
———— Faun. Brit. Ind. Moths, ii. p. 364 (1894).
———— Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 51.
Laginia maraxaria. Walker: xx. 245 (1860).
Homodes crocea. Moore: (nec Guen.) Lep. Ceylon, iii. p. 59, pl. 151, f. 11 (1884).

a. Sarawak, Borneo (type *maraxaria*) (Wallace). b. Nilgiri Hills.

1725. Homodes bracteigutta.

Philecia bracteigutta. Walker: xxiv. 1088 (1862).
Homodes fulva. Hmn.: Faun. Brit. Ind. Moths, iv. App. p. 524 (1896).

Type (*fulva*). Ceylon, in B. M.
a. Sarawak, Borneo (type) (Wallace).

Family **SAROTHRIPIDÆ.**

Genus **GADIRTHA.** Walker: xiii. 1102 (1857).

1726. Gadirtha inexacta.

Gadirtha inexacta. Walker: xiii. 1102.
———— C. and S.: Cat. Moths of India, iii. 366. 2403 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 235.
———— Hampson: Faun. Brit. Ind. Moths, ii. p. 367 (1894).
Gadirtha impingens. Walker: xiii. 1103.
———— Butler: P. Z. S., Lond., 1880, p. 678.
———— Cotes and Swinh.: l. c., 365. 2402.
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 235, and 1895, p. 51.

Type. Moulmein, in B. M.
Type (*impingens*). Moulmein, in B. M.
a. Sarawak, Borneo (2) (Wallace).

Genus **AUTOMALA.** Walker: Journ. Linn. Soc., Lond., vii. p. 60 (1864).

1727. Automala semidolosa.

Automala semidolosa. Walker: l. c.
———— xxxiii. 796 (1865).

a. Sarawak, Borneo (type) (Wallace).

Genus **ARIOLA.** Walker: xii. 768 (1857).

1728. Ariola cœlisigna.

Ariola cœlisigna. Walker: xii. 769.
———— Moore: Lep. Ceylon, iii. p. 41 (1884).

Ariola cœlisigna. C. and S.: Cat. Moths of India, iii. 281. 1789 (1888).
———— Meyrick: Trans. Ent. Soc., Lond., 1889, p. 470.
———— Hmn.: Ill. Typ. Lep. Het., B. M., ix. 17. 373 (1893).
———— Faun. Brit. Ind. Moths, ii. p. 368 (1894).
Ariola ransonneti. Felder: Reise Nov. Lep., pl. 108, f. 1 (1872).

Type. Ceylon, in B. M.
Type (*ransonneti*). Ceylon, in coll. Rothschild.
a. Sarawak, Borneo (2) (Wallace).

1729. Ariola continua. Pl. II. f. 11.

Ariola continua. Walker: Journ. Linn. Soc., Lond., vi. p. 196 (1862).
———— xxxiii. 773 (1865).

a. Sarawak, Borneo (type) (Wallace).

1730. Ariola includens.

Ariola includens. Walker: Journ. Linn. Soc., Lond., vi. p. 197 (1862).
———— xxxiii. 774 (1865).

a. Sarawak, Borneo (type) (Wallace).
Doubtfully distinct from *A. continua.*

1731. Ariola deflexa. Pl. II. f. 20.

Ariola deflexa. Walker: Journ. Linn. Soc., Lond., vi. p. 197 (1862).
———— xxxiii. 774 (1865).

a. Sarawak, Borneo (type) (Wallace).

GENUS **NOLASENA.** Walker: xii. 981 (1857).

1732. Nolasena ferrifervens.

Nolasena ferrifervens. Walker: xii. 982.
———— Moore: Lep. Ceylon, iii. p. 230, pl. 177, f. 9 (1885).
———— C. and S.: Cat. Moths of India, iii. 445. 2924 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 260.
———— Hmn.: Ill. Typ. Lep. Het., B. M., ix. 30. 770 (1893).
———— Faun. Brit. Ind. Moths, ii. p. 368 (1894).

Type. Ceylon, in B. M.
a. Ceylon.

GENUS **PLOTHEIA.** Walker: xiii. 1108 (1857).
Egelesta. Walker: xv. 1747 (1858).
Selepa. Moore: Cat. Lep. E. I. C., ii. p. 353 (1859).
Galleriomorpha. Felder: Wien. Ent. Mon., vi. p. 37 (1862).
Detounda. Walker: Journ. Linn. Soc., Lond., vii. p. 193 (1864).
Othora. Walker: xxxiii. 902 (1865).
Tamusida. Walker: xxxv. 1732 (1866).

1733. Plotheia discigera. Pl. II. f. 14.

Gadirtha (?) *discigera.* Walker: Journ. Linn. Soc., Lond., vii. p. 163 (1864).
———— xxxiii. 896 (1865).

a. Sarawak, Borneo (type) (Wallace).

1734. Plotheia celtis.

Selepa celtis. Moore: Cat. Lep., E. I. C., ii. p. 353, pl. 9 *a*, f. 9, and pl. 16, f. 8, 8 *a* (larva) (1859).
———— Lep. Ceylon, iii. p. 103, pl. 158, f. 5 (1885).
———— Forsayeth: Trans. Ent. Soc., Lond., 1884, p. 412, pl. 15, f. 4 (larva).
———— Swinhoe: P. Z. S., Lond., 1885, p. 460.
———— C. and S.: Cat. Moths of India, iii. 368. 2424 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 236.
———— Hampson: Ill. Typ. Lep. Het., B. M., viii. 18. 505 (1891), and ix. 24. 558 (1893).
Plotheia celtis. Hmn.: (part) Faun. Brit. Ind. Moths, ii. p. 370 (1894).
———— P. Z. S., Lond., 1896, p. 262.
Subrita (?) *curviferella.* Walker: xxxv. 1745 (1866).
Selepa curviferella. Swinhoe: P. Z. S., Lond., 1886, p. 449.

Type. Java, in B. M.
Type (*curviferella*). N. India, in B. M.
a. Indore (2) (Hearsay).

1735. Plotheia docilis.

Selepa docilis. Butler: P. Z. S., Lond., 1881, p. 619.
———— Swinhoe: P. Z. S., Lond., 1884, p. 520.
———— C. and S.: Cat. Moths of India, iii. 368. 2425 (1888).

Type. Karachi, in B. M.
a. Karachi (2).

1736. Plotheia spurcata.

Detounda spurcata. Walker: Journ. Linn. Soc., Lond., vii. p. 193 (1864).
———— xxxiii. 1093 (1865).
Selepa ænescens. Moore: Descr. Ind. Lep. Atk., p. 288 (1888).
———— Hampson: Faun. Brit. Ind. Moths, ii. p. 370 (1894).

Type (*ænescens*). Darjiling, in coll. Staudinger.
a. Sarawak, Borneo (type) (Wallace).

1737. Plotheia strigifera.

Selepa strigifera. Moore: Lep. Ceylon, iii. pp. 103 (1885), and 550, pl. 158, f. 3, 3 *a*, 4 (1887).
———— C. and S.: Cat. Moths of India, iii. 369. 2427 (1888).
Plotheia strigifera. Hampson: Faun. Brit. Ind. Moths, ii. p. 370 (1894).

Type. Ceylon, in B. M.
a. Ceylon.

1738. Plotheia vittalis.

Tamusida vittalis. Walker: xxxv. 1733 (1866).

Type. Sarawak, Borneo, in B. M.
a. Sarawak (Wallace).
This specimen is marked *lativitta* in Walker's handwriting: the type is represented as in this Museum in the Cat., but is in the B. M.

GENUS **ASINDUMA**. Walker: Journ. Linn. Soc., Lond., vii. p. 167 (1864).

Ptisciana. Walker: xxxiii. 912 (1865).

Argyrothripa. Hampson: Faun. Brit. Ind. Moths, ii. p. 380 (1894).

1739. Asinduma exscripta. Pl. II. f. 15.

Asinduma exscripta. Walker: Journ. Linn. Soc., Lond., vii. p. 167 (1864).
——————— xxxiii. 900 (1865).

a. Sarawak, Borneo (type) (Wallace).

GENUS **GARELLA**. Walker: Journ. Linn. Soc., Lond., vii. p. 51 (1864).

Corticata. Walker: l. c., p. 52.

Hypothripa. Hampson: Faun. Brit. Ind. Moths, ii. p. 383 (1894).

1740. Garella rotundipennis. Pl. II. f. 23.

Garella rotundipennis. Walker: l. c.
——————— xxxiii. 787 (1865).

a. Sarawak, Borneo (type) (Wallace).

1741. Garella scoparioides. Pl. II. f. 22.

Corticata scoparioides. Walker: Journ. Linn. Soc., Lond., vii. p. 53 (1864).
——————— xxxiii. 787 (1865).

a. Sarawak, Borneo (type) (Wallace).

GENUS **ETANNA**. Walker: Journ. Linn. Soc., Lond., vi. p. 118 (1862).

Dendrothripa. Hmn.: Faun. Brit. Ind. Moths, iv. App. p. 527 (1896).

1742. Etanna basalis.

Etanna basalis. Walker: l. c., p. 119.
——————— xxxi. 248 (1864).
——————— Swinhoe: Cat. Het. Mus., Oxon., i. p. 132 (1892).

a. Sarawak, Borneo (type) (Wallace).

Sir George Hampson in working out the Lithosinæ has rejected this species and the other two species, *erastioides* and *florida*, put by Walker in this genus, as Noctuids: and I find after a careful examination of them that they are Sarothripids, a family of the Noctues closely allied to the Lithosids, *erastioides* and *florida* belonging to the allied genus Clettharra.

GENUS **CLETTHARRA**. Walker: xxvii. 101 (1863).

Dumatha. Walker: Journ. Linn. Soc., Lond., vii. p. 195 (1864).

Orosa. Walker: xxxiv. 1222 (1865).

1743. Clettharra herbida. Pl. II. f. 21.

Dumatha herbida. Walker: Journ. Linn. Soc., Lond., vii. p. 195.
——————— xxxiii. 1093 (1865).

a. Sarawak, Borneo (type) (Wallace).

1744. Clettharra punctata.

Symitha punctata. Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 236, pl. 7, f. 15.
Clettharra punctata. Hampson: Faun. Brit. Ind. Moths, ii. p. 386 (1894).
———— Swinhoe: l. c., 1895, p. 52.

Type. Rangoon, in B. M.
a. Cherra Punji.

1745. Clettharra erastioides.

Etanna erastioides. Walker: Journ. Linn. Soc., Lond., vi. p. 119 (1862).
———— xxxi. 248 (1864).
———— Swinhoe: Cat. Het. Mus., Oxon., i. p. 132 (1892).

a. Sarawak, Borneo (type) (Wallace).

1746. Clettharra florida.

Etanna florida. Walker: Journ. Linn. Soc., Lond., vi. p. 119 (1862).
———— xxxi. 248 (1864).
———— Swinhoe: Cat. Het. Mus., Oxon., i. p. 132, pl. 4, f. 13 (1892).

a. Sarawak, Borneo (type) (Wallace).
Doubtfully distinct from *erastioides*.

GENUS **LOPHOTHRIPA.** Hampson: Faun. Brit. Ind. Moths, iv. App. p. 528 (1896).

1747. Lophothripa vitea.

Selepa vitea. Swinhoe: P. Z. S., Lond., 1885, p. 460, pl. 27, f. 17.
———— C. and S.: Cat. Moths of India, iii. 369. 2428 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 236.
Clettharra vitea. Hampson: Ill. Typ. Lep. Het., B. M., ix. p. 108, pl. 163, f. 24 (1893).
———— Faun. Brit. Ind. Moths, ii. p. 385 (1894).
Lophothripa vitea. Hampson: l. c., iv. App. p. 528 (1896).

Type. Bombay, in B. M.
a. Bombay.

GENUS **BAGISTANA.** Walker: Journ. Linn. Soc., Lond., vii. p. 194 (1864).

1748. Bagistana rudis.

Bagistana rudis. Walker: l. c.
———— xxxiii. 1093 (1865).

a. Sarawak, Borneo (type) (Wallace).

GENUS **HYBLÆA.** Fabr.: Ent. Syst., iii. 2, p. 127 (1794).

1749. Hyblæa puera.

Phalæna puera. Cram.: Pap. Exot., pl. 103, f. D. E (1777).
Hyblæa puera. Guen.: Noct., ii. 390. 1250 (1852).
———— Walker: xii. 979 (1857).
———— Moore: P. Z. S., Lond., 1867, p. 63.
———— Snellen: Tijd. voor Ent., xxiii. p. 74 (1880).

Hyblæa puera. Moore: Lep. Ceylon, iii. p. 81, pl. 154, f. 2, 2 *a* (1884).
———— Swinhoe: P. Z. S., Lond., 1885, p. 458.
———— Haase: Iris, i. p. 170 (1887).
———— C. and S.: Cat. Moths of India, iii. 342. 2232 (1888).
———— Druce: P. Z. S., Lond., 1888, p. 223.
———— Leech: P. Z. S., Lond., 1889, p. 518.
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 229; 1895, p. 51.
———— Hampson: Ill. Typ. Lep. Het., B. M., viii. 17. 457 (1891), and ix. 22. 520 (1893).
———— Bingham: Indian Mus. Notes, iii. p. 94 (larva) (1893).
———— Hampson: Faun. Brit. Ind. Moths, ii. p. 371 (1894).
———— P. Z. S., Lond., 1896, p. 962.
Noctua saga. Fabr.: Mant. Ins., ii. 137. 29 (1787).
Hyblæa saga. Fabr.: Ent. Syst., iii. (2) 128. 4 (1794).
Noctua unxia. Hübn.: Eur. Schm. Noct., f. 513 (1810).
Euchesia unxia. Hübn.: Verz., 221. 2217 (1816).
Heliothis apricans. Boisd.: Faun. Ent. Madag., p. 98, pl. 15, f. 7 (1834).

a. India. b. Indore (6) (Hearsay). c. Nilgiri Hills.

1750. Hyblæa hypocyana.

Hyblæa hypocyana. Swinhoe: M. S. Hampson: Faun. Brit. Ind. Moths, ii. p. 372 (1894).
———— Ann. Mag. N. H. (6), xv. p. 8 (1895).
———— Trans. Ent. Soc., Lond., 1895, p. 51.

Type. Shillong, in B. M.
a. Shillong.

1751. Hyblæa saturata. Pl. II. f. 5.

Hyblæa saturata. Walker: xxxiii. 858 (1865).

a. Sumatra (type) (Wallace).

This insect had lost its label; but there can be no doubt it is the specimen referred to by Walker.

1752. Hyblæa constellata.

Hyblæa constellata. Guen.: Noct., ii. 391. 1251 (1852).
———— Walker: xii. 980 (1857).
———— Moore: P. Z. S., Lond., 1867, p. 63.
———— Lep. Ceylon, iii. p. 81, pl. 154, f. 3, 3 *a* (1884).
———— Journ. Assoc. Bengl., lv. (2) p. 100 (1886).
———— C. and S.: Cat. Moths of India, iii. 342. 2230 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 229, and 1895, p. 51.
———— Hmn.: Ill. Typ. Lep. Het., B. M., ix. 22. 519 (1893).
———— Faun. Brit. Ind. Moths, ii. p. 372 (1894).
Hyblæa contraria. Walker: xxxiii. 857 (1865).

a. Cambodia, Siam (type *contraria*) (Mouhot). b. Mount Ophir (Wallace). c. India (2). d. Silhet.

1753. Hyblæa firmamentum.

Hyblæa firmamentum. Guen.: Noct., ii. 392. 1253 (1852).
———— Walker: xii. 981 (1857).
———— Moore: P. Z. S., Lond., 1867, p. 63.

Hyblæa firmamentum. C. and S.: Cat. Moths of India, iii. 342. 2231 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 292, and 1895, p. 51.
———— Hmn.: Faun. Brit. Ind. Moths, ii. p. 373 (1894).
Hyblæa tenebrionis. Felder: Reise Nov. Lep., pl. 111, f. 11 (1872).

Type (*tenebrionis*). Java, in coll. Rothschild.
a. China. b. Sumatra. c. India (2). d. Darjiling (2).

1754. Hyblæa catocaloides. Pl. II. f. 3.

Hyblæa catocaloides. Walker: xxxiii. 859 (1865).

a. Makian, Celebes (types ♂ ♀) (Wallace). b. Makian (Wallace).

1755. Hyblæa amboinæ.

Hyblæa amboinæ. Felder: Reise Nov. Lep., pl. 111, f. 12 (1872).

Type. Amboina, in coll. Rothschild.
a. Dorey (Wallace). b. N. Guinea (Wallace).

1756. Hyblæa erycinoides. Pl. II. f. 2.

Hyblæa erycinoides. Walker: xv. 1792 (1858).

a. Malacca (type) (Wallace). b. Sarawak, Borneo (Wallace).

GENUS **BLENINA.** Walker: xiii. 1214 (1857).
Eliocrœa. Walker: xxxiii. 935 (1865).
Amrella. Moore: Descr. Ind. Lep. Atk., p. 158 (1882).

1757. Blenina calena: nov. Pl. II. f. 10.

♀ Head, thorax, and fore-wings white, irrorated with black, making the colour greyish; costa of fore-wings with seven black spots at equal distances apart, being the commencement of seven sinuous transverse black lines more or less distinct, the seventh, which is nearly submarginal, being thick and most distinct and is twice angled outwardly; the black irrorations on the wing are so disposed between the lines as to look like shaded bands in places, and the pure white cilia has black spots opposite the veins; hind-wings grey with blackish brown borders inwardly diffuse, cilia white with a grey line and grey spots outside the line.

Expanse of wings, $1\frac{4}{10}$ inches.

a. Queensland (type).

There is an example in the B. M., without name, also from Queensland.

1758. Blenina donans.

Blenina donans. Walker: xiii. 1215 (1857).
———— Moore: Lep. Ceylon, iii. p. 129, pl. 160, f. 2 (1885).
———— C. and S.: Cat. Moths of India, iii. 347. 2264 (1888).
———— Hampson: Ill. Typ. Lep. Het., B. M., viii. 17. 464 (1891), and ix. 22. 515 (1893).
———— Hampson: Faun. Brit. Ind. Moths, ii. p. 377 (1894).

Type. Ceylon, in B. M.
a. India.

1759. Blenina chrysochlora.

Eliocræa chrysochlora. Walker: xxxiii. 935 (1865).
Blenina chrysochlora. Butler: Entom., xxv. p. 285 (1892).
Amphipyra (?) *laportei.* Felder: Reise Nov. Lep., pl. 111, f. 28 (1872).

Type. Ceram, in B. M.
Type (*laportei*). Ceram, in coll. Rothschild.
a. Ceram (Wallace).

1760. Blenina senex.

Dandaca senex. Butler: Ann. Mag. N. H. (5), i. p. 82 (1878).
——————— Ill. Typ. Lep. Het., B. M., iii. p. 13, pl. 44, f. 6 (1879).
——————— Leech: P. Z. S., Lond., 1889, p. 542.
Dandaca (?) *megei.* Oberth.: Etud. d'Ent., vi. p. 20, pl. 9, f. 6 (1881).

Type. Yokohama, in B. M.
a. Nikko (Sansom). b. Yokohama (Sansom).

Genus **BANTANA.** Walker: Journ. Linn. Soc., Lond., vii. p. 52 (1864).

1761. Bantana albida. Pl. 11. f. 12.

Bantana albida. Walker: l. c.
——————— xxxiii. 787 (1865).

a. Sarawak, Borneo (type) (Wallace).

Genus **AQUIS.** Walker: xv. 1652 (1858).
Dimirica. Walker: Journ. Linn. Soc., Lond., vii. p. 56 (1864).

1762. Aquis viridisquama.

Aquis viridisquama. Walker: xv. 1652.
——————— Butler: Entom., xxiv. p. 238 (1891).
Dimirica nubifera. Walker: Journ. Linn. Soc., Lond., vii. p. 56.
——————— xxxiii. 789 (1865).
Aquis albosparsa. Walker: xxxii. 611 (1865).

Type. Sarawak, Borneo, in B. M.
Type (*nubifera*). Sarawak, in B. M.
Type (*albosparsa*). Java, in B. M.
a. Sarawak (Wallace).

Genus **LABANDA.** Walker: xvii. 284 (1859).
Bariana. Walker: xxxii. 603 (1865).
Lazanda. Walker: xxxii. 604.
Gerbatha. Walker: xxxiii. 913 (1865).

1763. Labanda ceylusalis. Pl. 11. f. 1.

Labanda ceylusalis. Walker: xix. 919 (1859).

a. Sarawak, Borneo (type) (Wallace).

1764. Labanda semipars.

Briophila semipars. Walker: xv. 1647 (1858).
———— Moore: Lep. Ceylon, iii. p. 3 (1884).
Labanda semipars. Moore: l. c., p. 248 (1885).
———— C. and S.: Cat. Moths of India, iii. 457. 3018 (1888).
———— Hampson: Ill. Typ. Lep. Het., B. M., viii. 25. 703 (1891), and ix. 32. 825 (1893).
———— Faun. Brit. Ind. Moths, ii. p. 375 (1894).
Bocana (?) *pamphosalis.* Walker: xix. 887 (1859).
Labanda pamphosalis. Swinhoe: P. Z. S., Lond., 1885, p. 474, and 1886, p. 453.
Gerbatha laticincta. Walker: xxxiii. 913 (1865).

Type. Ceylon, in B. M.
Type (*pamphosalis*). Without locality in B. M.
Type (*laticincta*). Ceylon, in B. M.
a. Indore (Hearsay).

GENUS **BARASA.** Walker: Journ. Linn. Soc., Lond., vi. p. 192 (1862).

1765. Barasa acronyctoides.

Barasa acronyctoides. Walker: l. c.
———— xxxiii. 745 (1865).
———— Hmn.: Faun. Brit. Ind. Moths, ii. p. 377 (1894).
———— Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 51.
Barasa cana. Hmn.: Ill. Typ. Lep. Het., B. M., ix. p. 107, pl. 163, f. 5 (1893).

Type (*cana*). Ceylon, in B. M.
a. Sarawak, Borneo (type) (Wallace). b. Sarawak (Wallace).

GENUS **CHLUMETIA.** Walker: xxxiv. 1270 (1865).
Nachaba. Walker: xxvii. 113 (1863). (præocc.)

1766. Chlumetia transversa.

Nachaba transversa. Walker: xxvii. 114.
Chlumetia transversa. Moore: Lep. Ceylon, iii. p. 67, pl. 151, f. 3 (1884).
———— C. and S.: Cat. Moths of India, iii. 340. 2217 (1888).
———— Hmn.: Ill. Typ. Lep. Het., B. M., ix. 21. 500 (1893).
———— Faun. Brit. Ind. Moths, ii. p. 376 (1894).
Chlumetia guttiventris. Walker: xxxiv. 1271.

Type without locality in B. M.
Type (*guttiventris*). Ceylon, in B. M.
a. India. b. Nilgiri Hills. c. Ceylon. d. Ceram.

FAMILY **EUTELIIDÆ.**

GENUS **INGURA.** Guen.: Noct., ii. p. 309 (1852).

1767. Ingura subapicalis.

Abrostola subapicalis. Walker: xii. 883 (1857).
———— Moore: P. Z. S., Lond., 1867, p. 62.

Ingura subapicalis. Butler: P. Z. S., Lond., 1883, p. 157.
———— C. and S.: Cat. Moths of India, ii. 178. 1199 (1887).
———— Hmn.: Ill. Typ. Lep. Het., B. M., viii. 8. 215 (1891).
———— Faun. Brit. Ind. Moths, ii. p. 389 (1894).
———— Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 52.
Ingura recurrens. Walker: xv. 1779 (1858).

Type. N. India, in B. M.
Type (*recurrens*). N. India, in B. M.
a. India. b. Jaintia Hills (3).

GENUS **ANUGA**. Guen.: Noct., ii. p. 307 (1852).
Piada. Walker: xv. 1746 (1858).
Cœcila. Walker: l. c., 1824.
Phumana. Walker: Journ. Linn. Soc., Lond., vii. p. 164 (1864).
Spersara. Walker: l. c., p. 174.

1768. Anuga constricta.

Anuga constricta. Guen.: Noct., ii. 308. 1116 (1852).
———— Walker: xii. 874 (1857).
———— Moore: P. Z. S., Lond., 1867, p. 62.
———— C. and S.: Cat. Moths of India, iii. 339. 2208 (1888).
———— Hampson: Faun. Brit. Ind. Moths, ii. p. 390 (1894).
Cœcila complexa. Walker: xv. 1825 (1858).
Phumana canescens. Walker: Journ. Linn. Soc., Lond., vii. p. 164 (1864).
———— xxxiii. 900 (1865).
Spersara glaucopoides. Walker: Journ. Linn. Soc., Lond., vii. p. 175.
———— xxxiii. 925.
Piada multiplicans var. jāponica. Leech: P. Z. S., Lond., 1889, p. 538, pl. 52, f. 6.

Type (*japonica*). Yesso, in coll. Leech.
a. Singapore (type *complexa*) (Wallace). b. Sarawak, Borneo (type *canescens*) (Wallace). c. Sarawak (type *glaucopoides*) (Wallace).

1769. Anuga multiplicans.

Piada multiplicans. Walker: xv. 1747 (1858).
———— C. and S.: Cat. Moths of India, iii. 292. 1878 (1888).
———— Hampson: Ill. Typ. Lep. Het., B. M., viii. 18. 499, pl. 143, f. 7 (1891).

Type. Kanara, in B. M.
a. Ceylon.
There can be no doubt, this is distinct from *A. constricta* Guen.

GENUS **PŒTA**. Walker: xxxiii. 1101 (1865).

1770. Pœta denotalis. Pl. 1. f. 25.

Pœta denotalis. Walker: l. c.

a. Sarawak, Borneo (type) (Wallace).

GENUS **ELEALE**. Walker: Journ. Linn. Soc., Lond., vi. p. 135 (1862).

1771. Eleale plusioides. Pl. II. f. 24.

Eleale plusioides. Walker: l. c.
———— xxxii. 443 (1865).

a. Sarawak, Borneo (type) (Wallace).

GENUS **PATÆTA**. Walker: xv. 1748 (1858).

1772. Patæta carbo.

Phlegetonia carbo. Guen.: Noct., ii. 302. 1108 (1852).
———— Walker: xii. 870 (1857).
Patæta carbo. Butler: Entom., xxvii. p. 216 (1894).
Patæta conspicienda. Walker: xv. 1748.

Type (*conspicienda*). Moreton Bay, in B. M.
a. Port Essington. b. Moreton Bay (2). c. Queensland.

GENUS **TARGALLA**. Walker: xiii. 1007 (1857).
Cryassa. Walker: xv. 1745 (1858).

1773. Targalla delatrix.

Penicillaria delatrix. Guen.: Noct., ii. 304. 1112 (1852).
———— Walker: xii. 871 (1857).
———— Butler: P. Z. S., Lond., 1883, p. 162.
Targalla delatrix. Swinhoe: P. Z. S., Lond., 1885, p. 457.
———— C. and S.: Cat. Moths of India, iii. 337. 2193 (1888).
Eutelia delatrix. Hampson: Faun. Brit. Ind. Moths, ii. p. 391 (1894).
Penicillaria palliatrix. Guen.: l. c., 305. 1113.
———— Walker: xii. 872.
Targalla infida. Walker: xiii. 1008.
———— Moore: Lep. Ceylon, iii. p. 63, pl. 151, f. 6. 6 a (1884).
———— Cotes and Swinhoe: l. c., 2194.
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 228.
———— Hmn.: Ill. Typ. Lep. Het., B. M., ix. 21. 490 (1893).
Cryassa bifacies. Walker: xv. 1745 (1858).
Targalia bifacies. Moore: l. c., p. 64, pl. 151, f. 5. 5 a.
———— Cotes and Swinhoe: l. c., 2192.
———— Hampson: Ill. Typ. Lep. Het., B. M., viii. 16. 440 (1891), and ix. 21. 489 (1893).
Penicillaria ludatrix. Walker: xv. 1773.
Eutelia opposita. Walker: Journ. Linn. Soc., Lond., vii. p. 67 (1864).
———— xxxiii. 817 (1865).
Eutelia subocellata. Walker: Journ. Linn. Soc., Lond., vii. p. 67.
———— xxxiii. 817.
Eutelia repleta. Walker: xxxiii. 821.
Targalla repleta. Moore: l. c., p. 64.
———— Cotes and Swinhoe: l. c., 2195.
Eutelia impleta. Walker: xxxiii. 822.

Eutelia plusioides. Walker: xxxiii. 822.
Eurhipia prætexta. Felder: Reise Nov. Lep., pl. 111, f. 24 (1872).

Type (*infida*). Moulmein, in B. M.
Types (*bifacies*, *ludatrix*, *repleta* and *impleta*). Ceylon, in B. M.
Type (*plusioides*). S. India, in B. M.
Type (*prætexta*). Ceylon, in coll. Rothschild.
a. Sarawak, Borneo (type *opposita*) (Wallace). b. Sarawak (type *subocellata*) (Wallace).

1774. **Targalla plumbea.**

Penicillaria plumbea. Walker: xxxiii. 816 (1865).

Type. Moreton Bay, in B. M.
a. New South Wales. b. E. Australia.

1775. **Targalla obliquata.** Pl. 11. f. 6.

Eutelia obliquata. Walker: Journ. Linn. Soc., Lond., vii. p. 66 (1864).
——————— xxxiii. 817 (1865).

a. Sarawak, Borneo (type) (Wallace).

1776. **Targalla suffundens.**

Anophia suffundens. Walker: Journ. Linn. Soc., Lond., vii. p. 172 (1864).
——————— xxxiii. 917 (1865).
Eutelia catephioides. Hampson: Journ. Bo. Nat. Hist. Soc., ined.
Hadena turbida. Walker: M. S.

Type (*catephioides*). Naga Hills, in B. M.
a. Sarawak, Borneo (type) (Wallace). b. Ceram (Wallace).

Genus **PENICILLARIA.** Guen.: Noct., ii. p. 302 (1852).

1777. **Penicillaria jacosatrix.**

Penicillaria jacosatrix. Guen.: Noct., ii. 304. 1111 (1852).
——————— Walker: xii. 871 (1857).
——————— Moore: Lep. Ceylon, iii. p. 62, pl. 151, f. 8. 8 a (larva) (1884).
——————— Swinhoe: P. Z. S., Lond., 1885, p. 457.
——————— C. and S.: Cat. Moths of India, iii. 338. 2199 (1888).
——————— Hampson: Ill. Typ. Lep. Het., B. M., viii. 16. 441 (1891), and ix. 21. 493 (1893).
Eutelia jacosatrix. Hampson: Faun. Brit. Ind. Moths, ii. p. 393 (1894).

a. India. b. Indore (3) (Hearsay). c. Nilgiri Hills.

Genus **SILACIDA.** nov.

Differs from *Penicillaria* in having the antennæ of the male bipectinate, the wings much longer, the outer margin oblique to the angle at vein 3.

1778. **Silacida inextricata.**

Eutelia inextricata. Moore: Descr. Ind. Lep. Atk., p. 147 (1882).
——————— C. and S.: Cat. Moths of India, iii. 339. 2205 (1888).

Eutelia inextricata. Hmn.: Ill. Typ. Lep. Het., B. M., ix. 21. 492 (1893).
——————— Faun. Brit. Ind. Moths, ii. p. 395 (1894).
——————— Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 52.

Type. Darjiling, in coll. Staudinger.
a. Darjiling (Morris). b. Asama-yama, Japan (Sansom).

1779. Silacida instructa.

Eutelia instructa. Walker: Journ. Linn. Soc., Lond., vii. p. 68 (1864).
——————— xxxiii. 817 (1865).
Penicillaria excitans. Butler: P. Z. S., Lond., 1886, p. 381.
——————— C. and S.: Cat. Moths of India, iii. 338. 2198 (1888).
Eutelia excitans. Hampson: Faun. Brit. Ind. Moths, ii. p. 395 (1894).

Type (*excitans*). Bugnoter, Punjab, in B. M.
a. Sarawak, Borneo (type) (Wallace).

Genus **ATACIRA.** nov.

Differs from *Penicillaria* in the palpi being nearly naked, antennæ of male being serrate and highly fasciculate for two-thirds its length.

1780. Atacira approximata.

Eutelia approximata. Walker: Journ. Linn. Soc., Lond., vii. p. 65 (1864).
——————— xxxiii. 817 (1865).
Eutelia dulcilinea. Walker: Journ. Linn. Soc., Lond., vii. p. 66.
——————— xxxiii. 817.
——————— Hampson: Faun. Brit. Ind. Moths, ii. p. 395 (1894).
Eutelia dimidiata. Walker: Journ. Linn. Soc., Lond., vii. p. 66.
——————— xxxiii. 817.
Penicillaria chalybsa. Hampson: Ill. Typ. Lep. Het., B. M., viii. p. 80, pl. 146, f. 1 (1891), and ix. 21. 495 (1893).

Type (*chalybsa*). Nilgiri Hills, in B. M.
a. Sarawak, Borneo (type) (Wallace). b. Sarawak (type *dulcilinea*) (Wallace). c. Sarawak (type *dimidiata*) (Wallace).

Genus **ALOTSA.** nov.

Differs from *Penicillaria* in the antennæ of the male having short fasciculated cilia, thorax and abdomen more slender.

1781. Alotsa discistriga.

Eutelia discistriga. Walker: xxxiii. 823 (1865).
——————— Butler: P. Z. S., Lond., 1884, p. 497.
——————— C. and S.: Cat. Moths of India, iii. 338. 2203 (1888).
——————— Hmn.: Ill. Typ. Lep. Het., B. M., viii. 16. 445 (1891).
——————— Faun. Brit. Ind. Moths, ii. p. 396 (1894).
——————— P. Z. S., Lond., 1896, p. 263.

Type. South India, in B. M.
a. Karachi.

1782. Alotsa favillatrix.

Eutelia favillatrix. Walker: xv. 1778 (1858).
——————— Moore: Lep. Ceylon, iii. p. 66 (1884).

Eutelia favillatrix. Swinhoe: P. Z. S., Lond., 1885, p. 457.
———— C. and S.: Cat. Moths of India, iii. 338. 2204 (1888).
———— Hampson: Ill. Typ. Lep. Het., B. M., viii. 16. 446 (1891), and ix. p. 102, pl. 163, f. 15 (1893).
———— Faun. Brit. Ind. Moths, ii. p. 396 (1894).
———— Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 52.

Type. Ceylon, in B. M.
a. Bombay.

Family **STICTOPTERIDÆ.**

Genus **MACEDA.** Walker: xiii. 1140 (1857).
Calduba. Walker: xv. 1815 (1858).

1783. Maceda mansueta.

Maceda mansueta. Walker: xiii. 1141 (1857), and xxxiii. 924 (1865).
———— Moore: Lep. Ceylon, iii. p. 82, pl. 154, f. 4, 5 (1884).
———— C. and S.: Cat. Moths of India, iii. 342. 2233 (1888).
———— Leech: Trans. Ent. Soc., Lond., 1889, p. 476.
———— Hmn.: Ill. Typ. Lep. Het., B. M., ix. 25. 609 (1893).
———— Faun. Brit. Ind. Moths, ii. p. 397 (1894).
Calduba obtenta. Walker: xv. 1815.
Maceda discalis. Walker: Journ. Linn. Soc., Lond., vii. p. 176 (1864).
———— xxxiii. 924 (1865).

Type. Sarawak, Borneo, in B. M.
Type (*obtenta*). Ceylon, in B. M.
a. Sarawak (2) (Wallace). b. Sarawak (type *discalis*) (Wallace).
c. Makian, Celebes (Wallace).
M. discalis differs from the typical form, but is merely an occasional variety of *M. mansueta.*

Genus **CYMATOPHOROPSIS.** Hampson: Faun. Brit. Ind. Moths, ii. p. 397 (1894).

1784. Cymatophoropsis confluens.

Risoba confluens. Moore: Descr. Ind. Lep. Atk., p. 92 (1882).
———— C. and S.: Cat. Moths of India, iii. 258. 1634 (1888).
Cymatophoropsis sinuata. Hampson: (part) Faun. Brit. Ind. Moths, ii. p. 397.

Type. Darjiling, in coll. Staudinger.
a. Kulu.

Genus **RISOBA.** Moore: P. Z. S., Lond., 1881, p. 328.
Pitrasa. Moore: Descr. Ind. Lep. Atk., p. 94 (1882).

1785. Risoba obstructa.

Risoba obstructa. Moore: P. Z. S., Lond., 1881, p. 328.
———— Lep. Ceylon, iii. p. 2, pl. 144, f. 2, 2 *a*, 2 *b* (1884).
———— Swinhoe: P. Z. S., Lond., 1886, p. 443.

Risoba obstructa. C. and S.: Cat. Moths of India, iii. 259. 1637 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 217.
———— Hampson: Ill. Typ. Lep. Het., B. M., viii. 11. 291 (1891), and ix. 20. 473 (1893).
———— Faun. Brit. Ind. Moths, ii. p. 398 (1894).

Type. Ceylon, in B. M.
a. Indore (Hearsay).

1786. Risoba diversipennis.

Heliothis diversipennis. Walker: xv. 1750 (1858).
Risoba diversipennis. Moore: P. Z. S., Lond., 1881, p. 329.
———— C. and S.: Cat. Moths of India, iii. 258. 1635 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 217.
———— Hampson: Faun. Brit. Ind. Moths, ii. p. 399 (1894).
Plusia pallida. Walker: Journ. Linn. Soc., Lond., vii. p. 70 (1864).
———— xxxiii. 835 (1865).

Type. Moulmein, in B. M.
a. Sarawak, Borneo (type *pallida*) (Wallace).

GENUS **ODONTODES.** Guen.: Noct., iii. p. 50 (1852).
Nedroma. Walker: Proc. N. H. Soc., Glasgow, i. p. 353 (1869).
Burdria. Walker: Char. Undescr. Het., p. 50 (1869).

1787. Odontodes aleuca.

Odontodes aleuca. Guen.: Noct., iii. 51. 1382 (1852).
———— Walker: xiii. 1130 (1857).
———— Butler: P. Z. S., Lond., 1883, p. 164.
———— C. and S.: Cat. Moths of India, iii. 361. 2369 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 234, and 1895, p. 53.
———— Hmn.: Ill. Typ. Lep. Het., B. M., viii. 18. 492 (1891).
———— Faun. Brit. Ind. Moths, ii. p. 400 (1894).
Briarda bolinoides. Walker: xv. 1802 (1858).
Odontodes bolinoides. Moore: P. Z. S., Lond., 1867, p. 67.
———— Cotes and Swinhoe: l. c., 2370.
Steira subfasciata. Walker: xxxiii. 922 (1865).
Steira quadristrigata. Walker: xxxiii. 923.
Nedroma ferruginea. Walker: Proc. Nat. Hist. Soc., Glasgow, i. p. 353.
Burdria edemoides. Walker: Char. Undescr. Het., p. 50.
———— Cotes and Swinhoe: l. c., 365. 2397.

Types (*bolinoides* and *subfasciata*). Moulmein, in B. M.
Type (*edemoides*). India, in Devon and Exeter Mus.
a. India (type *quadristrigata*). b. Khasia Hills (3) (Hamilton).
c. Indore (5) (Hearsay). d. India (9).

GENUS **LOPHOPTERA.** Guen.: Noct., iii. p. 54 (1852).

1788. Lophoptera squammigera.

Lophoptera squammigera. Guen.: Noct., iii. p. 55.
———— Walker: xiii. 1134 (1857).

Lophoptera squammigera. Leech: Trans. Ent. Soc., Lond., 1889, p. 476.
———— Butler: Entom., xxvii. p. 217 (1894).
Lophoptera vittigera. Walker: xxxiii. 920 (1865).

Type (*vittigera*). Australia, in B. M.
a. New South Wales.

GENUS **STICTOPTERA.** Guen.: Noct., iii. p. 51 (1852).
Dandaca. Walker: ix. 149 (1856).
Steiria. Walker: xiii. 1135 (1857).
Ægilia. Walker: xiii. 1138.
Minica. Walker: xiii. 1139.
Ciasa. Walker: Journ. Linn. Soc., Lond., vii. p. 165 (1864).

1789. Stictoptera cucullioides.

Stictoptera cucullioides. Guen.: Noct., iii. 52. 1383.
———— Walker: xiii. 1132.
———— Snellen: Tijd. voor Ent., xxiii. p. 86 (1880).
———— Hampson: (part) Faun. Brit. Ind. Moths, ii. p. 401 (1894).
Dandaca cucullioides. Butler: Entom., xxvii. p. 240 (1894).
Steiria variabilis, var. Druce: P. Z. S., Lond., 1888, p. 223, pl. 13, f. 3 only.

a. Singapore (Wallace).

1790. Stictoptera subobliqua.

Steiria subobliqua. Walker: xiii. 1136 (1857).
———— Druce: P. Z. S., Lond., 1888, p. 224.
Stictoptera subobliqua. Moore: Lep. Ceylon, iii. p. 121, pl. 159, f. 4, 4 *a*, 4 *b* (1885).
———— C. and S.: Cat. Moths of India, iii. 360. 2365 (1888).
———— Hampson: Ill. Typ. Lep. Het., B. M., viii. 18. 490 (1891), and ix. 23. 537 (1893).
Steiria signifera. Walker: xiii. 1137.
Steiria humeralis. Walker: Journ. Linn. Soc., Lond., vii. p. 174 (1864).
———— xxxiii. 922 (1865).
Minica nigrilinea. Walker: Journ. Linn. Soc., Lond., vii. p. 175.
———— xxxiii. 925.

Type. Ceylon, in B. M.
Type (*signifera*). Sarawak, Borneo, in B. M.
a. Sarawak (type *humeralis*) (Wallace). b. Sarawak (type *nigrilinea*) (Wallace). c. Sarawak (2) (Wallace). d. Nilgiri Hills.

1791. Stictoptera variabilis.

Steiria variabilis. Moore: Descr. Ind. Lep. Atk., p. 164 (1882).
Stictoptera variabilis. Moore: Lep. Ceylon, iii. p. 120, pl. 159, f. 5 (1885).
———— C. and S.: Cat. Moths of India, iii. 361. 2367 (1888).
———— Hmn.: Ill. Typ. Lep. Het., B. M., ix. 23. 539 (1893).

Type. Darjiling, in coll. Staudinger.
a. Singapore (2) (Wallace). b. Sarawak, Borneo (Wallace).

1792. Stictoptera ferromixta.

Gadirtha ferromixta. Walker: Journ. Linn. Soc., Lond., vii. p. 162 (1864).
———————— xxxiii. 896 (1865).

a. Sarawak, Borneo (type) (Wallace).

1793. Stictoptera ferrifera.

Steiria ferrifera. Walker: Journ. Linn. Soc., Lond., vii. p. 173 (1864).
———————— xxxiii. 922 (1865).
Minica semialba. Walker: Journ. Linn. Soc., Lond., vii. p. 175.
———————— xxxiii. 925.
Stictoptera grisea. Moore: P. Z. S., Lond., 1867, p. 67.
———————— C. and S.: Cat. Moths of India, iii. 360. 2362 (1888).
———————— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 234.

Type (*grisea*). Darjiling, in coll. Staudinger.

a. Sarawak, Borneo (type) (Wallace). b. Sarawak (Wallace). c. Sarawak (type *semialba*) (Wallace).

Hampson puts the above four species together with *columba* and *conturbata*; I do not know *conturbata*, but with a good series all the others can be easily separated.

1794. Stictoptera timesia.

Stictoptera timesia. Swinhoe: Ann. Mag. N. H. (6), xii. p. 218 (1893).
Steira variabilis. Druce (nec Moore): P. Z. S., Lond., 1888, p. 223, pl. 13, f. 4.

a. Singapore. b. Sarawak, Borneo (Wallace).

1795. Stictoptera repleta.

Steiria repleta. Walker: Journ. Linn. Soc., Lond., vii. p. 173 (1864).
———————— xxxiii. 922 (1865).

a. Sarawak, Borneo (type) (Wallace).

1796. Stictoptera chalybæa. Pl. III. f. 9.

Gardirtha chalybæa. Walker: Journ. Linn. Soc., Lond., vii. p. 161 (1864).
———————— xxxiii. 896 (1865).
Gadirtha polygrapha. Walker: Journ. Linn. Soc., Lond., vii. p. 162.
———————— xxxiii. 896.

a. Sarawak, Borneo (type) (Wallace). b. Sarawak (type *polygrapha*) (Wallace). c. Sarawak (Wallace).

1797. Stictoptera metaphæa.

Gadirtha metaphæa. Walker: Journ. Linn. Soc., Lond., vii. p. 163 (1864).
———————— xxxiii. 896 (1865).
Stictoptera cerea. Swinhoe: Ann. Mag. N. H. (6), xix. p. 167 (1897).

Type (*cerea*). Gilolo, in B. M.

a. Sarawak, Borneo (type) (Wallace). b. Gilolo (Doherty).

1798. Stictoptera trajiciens.

Steiria trajiciens. Walker: xiii. 1137 (1857).
Stictoptera trajiciens. Moore: Lep. Ceylon, iii. p. 122, pl. 158, f. 12 (1885).
———————— C. and S.: Cat. Moths of India, iii. 361. 2366 (1888).

Stictoptera trajiciens. Hmn.: Ill. Typ. Lep. Het., B. M., ix. 23. 538 (1893).
——————— Faun. Brit. Ind. Moths, ii. p. 402 (1894).
——————— Butler: Entom., xxvii. p. 216 (1894).
Gadirtha quadrinotata. Walker: Journ. Linn. Soc., Lond., vii. p. 162 (1864).
——————— xxxiii. 896 (1865).
Ciasa pustulifera. Walker: Journ. Linn. Soc., Lond., vii. p. 165.
——————— xxxiii. 900.
Steira æquilinea. Walker: Journ. Linn. Soc., Lond., vii. p. 174.
——————— xxxiii. 922.

Type. Ceylon, in B. M.
Type (*æquilinea*). Sarawak, Borneo, in B. M.
a. Sarawak (type *quadrinotata*) (Wallace). b. Sarawak (type *pustulifera*) (Wallace). c. Sarawak (Wallace).

1799. Stictoptera illucida.

Stictoptera illucida. Walker: xxxiii. 918 (1865).
——————— Moore: P. Z. S., Lond., 1867, p. 67.
——————— C. and S.: Cat. Moths of India, iii. 360. 2363 (1888).
——————— Swinhoe: Trans. Ent. Soc., Lond, 1890, p. 234, and 1895, p. 53.
——————— Hampson: Faun. Brit. Ind. Moths, ii. p. 403 (1894).
Stictoptera olivascens. Moore: Descr. Ind. Lep. Atk., p. 164 (1882).
——————— Cotes and Swinhoe: l. c., 2364.

Type. Moulmein, in B. M.
Type (*olivascens*). Khasia Hills, in coll. Staudinger.
a. Khasia Hills (9) (Hamilton).

1800. Stictoptera apirtha.

Gyrtona chalybea. Butler: P. Z. S., Lond., 1883, p. 163 (præocc.).
——————— C. and S.: Cat. Moths of India, iii. 362. 2374 (1888).
Stictoptera chalybea. Hmn.: Faun. Brit. Ind. Moths, iv. App. p. 529 (1896).
Stictoptera albodentata. Hampson (nec Moore): l. c., ii. p. 403 (1894).

Type. Solon, Simla, in B. M.
a. Khasia Hills (3) (Hamilton).

1801. Stictoptera costata.

Lophoptera costata. Moore, M. S. Butler: P. Z. S., Lond., 1883, p. 163.
——————— Moore: Lep. Ceylon, iii. p. 123, pl. 159, f. 8 (1885).
——————— C. and. S.: Cat. Moths of India, iii. 363. 2380 (1888).
——————— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 235.
——————— Hampson: Ill. Typ. Lep. Het., B. M., viii. 18. 500 (1891), and ix. 23. 545 (1893).
Stictoptera costata. Hampson: Faun. Brit. Ind. Moths, ii. p. 403 (1894).
——————— Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 53.

Type. Ceylon, in B. M.
a. Dharmsala (Reed). b. Cherra Punji.

1802. Stictoptera anthyalus.

Stictoptera anthyalus. Swinhoe, M. S. Hampson: Faun. Brit. Ind. Moths, ii. p. 403 (1894).
——————— Swinhoe: Ann. Mag. N. H. (6), xv. p. 8 (1895).

Stictoptera anthyalus. Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 53.
Type. Cherra Punji, in B. M.
a. Cherra Punji (2).

GENUS **GYRTONA.** Walker: xxvii. 89 (1863).
Clina. Walker: xxxi. 257 (1864).

1803. Gyrtona xista.

Gyrtona xista. Swinhoe: Ann. Mag. N. H. (6), xii. p. 264 (1893).
Type. Singapore, in B. M.
a. Singapore (Davison).

1804. Gyrtona yucca.

Gyrtona yucca. Swinhoe: Ann. Mag. N. H. (6), xii. p. 264 (1893).
Type. Singapore, in B. M.
a. Port Blair, Andaman Islands.

GENUS **CHADUCA.** Walker: Journ. Linn. Soc., Lond., vii. p. 164 (1864).

1805. Chaduca pyraloides.

Chaduca pyraloides. Walker: l. c., p. 165.
———— xxxiii. 900 (1865).
a. Sarawak, Borneo (type) (Wallace).

GENUS **ANIGRÆA.** Walker: Journ. Linn. Soc., Lond., vi. p. 139 (1862).

1806. Anigræa rubida. Pl. II. f. 16.

Anigræa rubida. Walker: l. c.
———— xxxii. 444 (1865).
Gadirtha defundens. Walker: Journ. Linn. Soc. Lond., vii. p. 161 (1864).
———— xxxiii. 896 (1865).
a. Sarawak, Borneo (type ♂) (Wallace). b. Sarawak (type ♀ *defundens*) (Wallace).

FAMILY **GONOPTERIDÆ.**

GENUS **LINEOPALPA.** Guen.: Noct., ii. p. 290 (1852).
Gonitis. Guen.: l. c., p. 403.
Rusicada. Walker: xiii. 1006 (1857).
Diremma. Walker: xxxiii. 863 (1865).
Tiridata. Walker: xxxiii. 870.
Phalga. Moore: P. Z. S., Lond., 1881, p. 375.

1807. Lineopalpa mesogona.

Gonitis mesogona. Walker: xiii. 1002 (1857).
———— Butler: P. Z. S., Lond., 1883, p. 163.

Gonitis mesogona. Moore: Lep. Ceylon, iii. p. 86, pl. 153, f. 8 (1884).
——————— Swinhoe: P. Z. S., Lond., 1885, p. 458.
——————— C. and S.: Cat. Moths of India, iii. 344. 2244 (1888).
——————— Leech: Trans. Ent. Soc., Lond., 1889, p. 134.
——————— Hmn.: Ill. Typ. Lep. Het., B. M., viii. 17. 462 (1891), and ix. 22. 508 *a* (1893).
Lineopalpa mesogona. Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 54.
Cosmophila mesogona. Hmn.: Faun. Brit. Ind. Moths, ii. p. 408 (1894).
——————— P. Z. S., Lond., 1896, p. 263.

Type. Ceylon, in B. M.
a. Indore (Hearsay).

1808. Lineopalpa sabulifera.

Gonitis sabulifera. Guen.: Noct., ii. 404. 1272 (1852).
——————— Walker: xiii. 1000 (1857).
——————— Butler: P. Z. S., Lond., 1884, p. 497.
——————— Entom., xxv. p. 11 (1892).
Cosmophila sabulifera. Hmn.: Faun. Brit. Ind. Moths, ii. p. 409 (1894).
——————— P. Z. S., Lond., 1896, p. 263.
Gonitis involuta. Walker: xiii. 1003.
——————— Butler: P. Z. S., Lond., 1883, p. 163.
——————— Moore: Lep. Ceylon, iii. p. 85, pl. 153, f. 7 (1884).
——————— Swinhoe: P. Z. S., Lond., 1884, p. 519, and 1885, p. 458.
——————— C. and S.: Cat. Moths of India, iii. 344. 2241 (1888).
——————— Leech: P. Z. S., Lond., 1889, p. 505.
——————— Hmn.: Ill. Typ. Lep. Het., B. M., ix. 22. 508 (1893).
Gonitis basalis. Walker: xiii. 1004.
Tiridata colligata. Walker: xxxiii. 870 (1865).
Gonitis propinqua. Butler: P. Z. S., Lond., 1884, p. 497.

Types (*involuta*, *basalis* and *colligata*). Ceylon, in B. M.
Type (*propinqua*). Aden, in B. M.
a. India. b. Indore (Hearsay). c. Nilgiri Hills.

1809. Lineopalpa lineosa.

Gonitis lineosa. Walker: xxxiii. 862 (1865).
——————— C. and S.: Cat. Moths of India, iii. 344. 2243 (1888).
Cosmophila lineosa. Hampson: Faun. Brit. Ind. Moths, ii. p. 410 (1894).
Lineopalpa lineosa. Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 54.
Rusicada albitibia. Hampson (nec Walker): Ill. Typ. Lep. Het., B. M., viii. 17. 459 (1891).

Type. India, in B. M.
a. Bombay.

1810. Lineopalpa albitibia.

Gonitis albitibia. Walker: xiii. 1001 (1857).
——————— Swinhoe: P. Z. S., Lond., 1885, p. 458.
——————— Leech: Trans. Ent. Soc., Lond., 1889, p. 134.
——————— Hmn.: Ill. Typ. Lep. Het., B. M., ix. 22. 507 (1893).
Rusicada albitibia. Moore: P. Z. S., Lond., 1883, p. 20.
——————— C. and S.: Cat. Moths of India, iii. 343. 2236 (1888).
——————— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 230.
Lineopalpa albitibia. Swinhoe: l. c., 1895, p. 54.

Rusicada nigritarsis. Walker: xiii. 1006.
———— Moore: Lep. Ceylon, iii. p. 86, pl. 155, f. 2, 2 *a*, *b*, *c*, *d* (♂ ♀ and larva) (1884).

Type. Ceylon, in B. M.
Type (*nigritarsis*). Ceylon, in B. M.
a. Rangoon (Noble).

A very distinct species, differing in size, colour, and markings from *lineosa*.

1811. Lineopalpa fulvida.

Anomis fulvida. Guen.: Noct., ii. 397. 1259 (1852).
———— Walker: xiii. 988 (1857).
———— Moore: P. Z. S., Lond., 1867, p. 64, and 1877, p. 606.
Gonitis fulvida. Butler: Ann. Mag. N. H. (5), i. p. 203 (1878).
———— Moore: P. Z. S., Lond., 1883, p. 19.
———— Lep. Ceylon, iii. p. 85, pl. 155, f. 3, 3 *a* (1884).
———— C. and S.: Cat. Moths of India, iii. 344. 2240 (1888).
———— Hampson: Ill. Typ. Lep. Het., B. M., viii. 17. 460 (1891), and ix. 22. 509 (1893).
———— Butler: Entom., xxv. p. 12 (1892).
Cosmophila fulvida. Hmn.: (part) Faun. Brit. Ind. Moths, ii. p. 409 (1894).
Lineopalpa fulvida. Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 54.
Gonitis combinans. Walker: xiii. 1001.
———— Leech: (part) P. Z. S., Lond., 1889, p. 506.
Gonitis guttanivis. Walker: xiii. 1003.
Anomis guttanivis. Moore: P. Z. S., Lond., 1867, p. 64.
Gonitis inducens. Walker: xiii. 1004.
Gonitis metaxantha. Walker: xiii. 1005.
———— Moore: P. Z. S., Lond., 1883, p. 21.
———— Swinhoe: P. Z. S., Lond., 1885, p. 458.
———— Cotes and Swinhoe: l. c., 345. 2245.
Lineopalpa metaxantha. Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 54.
Gonitis revocans. Walker: xv. 1794 (1858).
Gonitis cuprina. Walker: xxxiii. 861 (1865).
Gonitis privata. Walker: xxxiii. 863.
Gonitis commoda. Butler: Ann. Mag. N. H. (5), i. p. 203.
———— Ill. Typ. Lep. Het., B. M., ii. p. 36, pl. 32, f. 3 (1878).
Gonitis vulpina. Butler: Trans. Ent. Soc., Lond., 1886, p. 408.
———— Druce: P. Z. S., Lond., 1888. 223.
Gonitis xanthochroa. Butler: l. c., p. 409.
———— Druce: l. c.

Types (*combinans* and *guttanivis*). Ceylon, in B. M.
Type (*inducens*). Java, in B. M.
Type (*metaxantha*). Without locality, in B. M.
Type (*revocans*). Moreton Bay, in B. M.
Type (*privata*). Shanghai, in B. M.
Type (*commoda*). Yokohama, in B. M.
Type (*vulpina*). Viti Island, in B. M.
Type (*xanthochroa*). Vanna Levu, in B. M.
a. Amboina (type *cuprina* ♂) (Wallace). b. Mysol (type

cuprina ♀) (Wallace). c. India (2). d. Silhet. e. Indore (Hearsay). f. Khasia Hills (2). g. Japan.

Widely distributed and of many shades of colour; but nearly all the different forms come from every locality.

1812. Lineopalpa scitipennis. Pl. III. f. 18.

Cosmophila scitipennis. Walker: Journ. Linn. Soc., Lond., vii. p. 76 (1864).
——— xxxiii. 860 (1865).

a. Sarawak, Borneo (type) (Wallace).

GENUS **COSMOPHILA.** Boisd.: Faun. Ent. Madag., p. 94 (1833).

1813. Cosmophila xanthindyma.

Cosmophila xanthindyma. Boisd.: l. c., pl. 13, f. 7.
——— Guen.: Noct., ii. 396. 1257 (1852).
——— Walker: xiii. 987 (1857).
——— Moore: P. Z. S., Lond., 1883, p. 163.
——— Lep. Ceylon, iii. p. 84, pl. 155, f. 1, 1 *a*, 1 *b* (1884).
——— Swinhoe: P. Z. S., Lond., 1885, p. 459.
——— Cotes and Swinh.: Cat. Moths of India, iii. 343. 2234 (1888).
——— Druce: P. Z. S., Lond., 1888, p. 223.
——— Leech: P. Z. S., Lond., 1889, p. 505.
——— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 229, and 1895, p. 54.
——— Hampson: Ill. Typ. Lep. Het., B. M., viii. 17. 458 (1891), and ix. 22. 506 (1893).
——— Hmn.: Faun. Brit. Ind. Moths, ii. p. 411 (1894).
Cosmophila indica. Guen.: Noct., ii. 396. 1256.
——— Walker: xiii. 986.
——— Butler: Ann. Mag. N. H. (4), xvi. p. 405 (1875).
——— P. Z. S., Lond., 1880, p. 677.
——— Forsayeth: Trans. Ent. Soc., Lond., 1884, p. 411 (larva).
Cosmophila auragoides. Guen.: l. c., 397. 1258.
——— Walker: l. c.
Cirrædia variolosa. Walker: xi. 750 (1857).
Cirrædia edentata. Walker: l. c.

Type (*variolosa*). N. India, in B. M.
Type (*edentata*). Tasmania, in B. M.
a. Nilgiri Hills (4). b. Bombay. c. Indore (10) (Hearsay). d. Ceram (Wallace). e. Queensland.

1814. Cosmophila fuscifrons.

Cosmophila fuscifrons. Walker: Journ. Linn. Soc., Lond., vii. p. 77 (1864).
——— xxxiii. 860 (1865).
Cosmophila duplicata. Walker: xxxiii. 860.

Type (*duplicata*). Sarawak, Borneo, in B. M.
a. Sarawak (type) (Wallace).

GENUS **SAVARA**. Walker: Journ. Linn. Soc., Lond., vi. p. 184 (1862).

Pseudogonitis. Hampson: Faun. Brit. Ind. Moths, ii. p. 412 (1894).

1815. Savara contraria.

Savara contraria. Walker: l. c.
———— xxxiii. 644 (1865).
Capnodes (?) *anomioides*. Walker: Journ. Linn. Soc., Lond., vii. p. 188 (1864).
———— xxxiii. 1072 (1865).
Rusicada diversalis. Moore: P. Z. S., Lond., 1883, p. 21.
———— Waterhouse: Aid., ii. pl. 150, f. 2 (1884).
———— C. and S.: Cat. Moths of India, iii. 343. 2238 (1888).
Pseudogonitis brunnea. Hmn.: (♀ only) Faun. Brit. Ind. Moths, ii. p. 412.

Type (*diversalis*). Singapore, in B. M.
a. Sarawak, Borneo (type) (Wallace). b. Sarawak (type *anomioides*) (Wallace).

The sexes alike, both in *brunnea* and in *contraria* = *anomioides*, the latter is identical with *diversalis*, but quite different from *brunnea*; the outer margin of fore-wings of *brunnea* is angled in the middle, it is curved in *anomioides*, and the coloration and markings are widely distinct.

GENUS **ARTHISMA**. Moore: P. Z. S., Lond., 1883, p. 20.

1816. Arthisma scissuralis.

Arthisma scissuralis. Moore: l. c.
———— Waterhouse: Aid., ii. pl. 150, f. 3 (1884).
———— C. and S.: Cat. Moths of India, iii. 343. 2235 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 229.
———— Hampson: Faun. Brit. Ind. Moths, ii. p. 414 (1894).
Anomis mutilata. Walker: M. S.

Type. Singapore, in B. M.
a. Singapore.

GENUS **CLETHROPHORA**. Hampson: Faun. Brit. Ind. Moths, ii. p. 416 (1894).

1817. Clethrophora distincta.

Gonitis distincta. Leech: P. Z. S., Lond., 1889, p. 506, pl. 52, f. 7.
Clethrophora distincta. Hampson: l. c.
———— Snellen: Tijd. voor Ent., xxxviii. p. 207 (1895).
Gonitis virida. Heylaerts: Comp. Rendus des Sci. Ent., Belg., 1890, p. 30.

Type. Japan, in coll. Leech.
a. Yokohama.

GENUS **BESSARA**. Walker: Journ. Linn. Soc., Lond., vi. p. 180 (1862).

1818. Bessara quadratipennis. Pl. III. f. 17.

Bessara quadratipennis. Walker: l. c., p. 181.
———— xxxii. 630 (1865).

a. Sarawak, Borneo (type) (Wallace).

GENUS **CHURIA**. Moore: P. Z. S., Lond., 1881, p. 359.

1819. Churia iconica.

Anomis iconica. Walker: xiii. 992 (1857).
Rusicada iconica. Moore: Lep. Ceylon, iii. p. 87 (1884).
———— C. and S.: Cat. Moths of India, iii. 344. 2239 (1888).
Avitta iconica. Hampson: Ill. Typ. Lep. Het., B. M., viii. 25. 697 (1891); and ix. p. 132, pl. 167, f. 8 (1893).
Briarda cervina. Walker: xxxv. 1968 (1866).
———— Moore: P. Z. S., Lond., 1867, p. 66.
Avitta cervina. Cotes and Swinh.: l. c., 456. 3010.
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 267.
———— Hampson: l. c., viii. 25. 696.
Churia cervina. Swinhoe: l. c., 1895, p. 55.
Anomis figlina. Butler: Ill. Typ. Lep. Het., B. M., vii. p. 71, pl. 131, f. 2 (1889).
Anomis cervina, var. *instabilis.* Butler: l. c., f. 3.
Churia arcuata. Hmn.: (part) Faun. Brit. Ind. Moths, ii. p. 417 (1894).

Type. Ceylon, in B. M.
Type (*cervina*). Nepal, in B. M.
Types (*figlina* and *instabilis*). Dharmsala, in B. M.
a. Indore (Hearsay). b. Khasia Hills (Hamilton).

GENUS **OSSONOBA**. Walker: xxxv. 1966 (1866).

1820. Ossonoba torpida.

Ossonoba torpida. Walker: l. c.
———— Moore: P. Z. S., Lond., 1867, p. 64.
———— Butler: Ill. Typ. Lep. Het., B. M., vi. p. 22, pl. 106, f. 8 (1886).
———— C. and S.: Cat. Moths of India, iii. 346. 2253 (1888).
———— Hampson: Faun. Brit. Ind. Moths, ii. p. 413 (1894).
———— Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 54.

Type. Darjiling, in B. M.
a. India. b. Khasia Hills (Hamilton).

GENUS **CHALADRA**. Walker: xxxii. 639 (1865).

1821. Chaladra cucullioides. Pl. III. f. 2.

Chaladra cucullioides. Walker: xxxii. 640.

a. Ceram (type) (Wallace).

GENUS **CAPOTENA.** Walker: xi. 714 (1857).
Brada. Walker: xv. 1665 (1858).
Phanaca. Walker: xxxiii. 856 (1865).

1822. Capotena scripta. Pl. III. f. 11.

Arbasera scripta Walker: xxxii. 639 (1865).

a. Aru (type) (Wallace).

1823. Capotena truncata.

Brada truncata. Walker: xv. 1666 (1858).
———— Moore: Lep. Ceylon, ii. p. 118, pl. 122, f. 2. 2 *a*. 2 *b* (1882).
———— Swinhoe: P. Z. S., Lond., 1885, p. 301.
———— C. and S.: Cat. Moths of India, ii. 169. 1119 (1887).
———— Hampson: Ill. Typ. Lep. Het., B. M., viii. 8. 201 (1891).
Capotena truncata. Hampson: Faun. Brit. Ind. Moths, ii. p. 419 (1894).
———— Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 55.

Type. Ceylon, in B. M.
a. Khandalla, Bombay.

GENUS **DIDIGUA.** Walker: Journ. Linn. Soc., Lond., vi. p. 181 (1862).

1824. Didigua seticornis. Pl. III. f. 21.

Nonagria seticornis. Walker: l. c., p. 180.
———— xxxii. 629 (1865).
Didigua purpureoscripta. Walker: Journ. Linn. Soc., Lond., vi. p. 181.
———— xxxii. 630.

a. Sarawak, Borneo (type) (Wallace). b. Sarawak (type *purpureoscripta*) (Wallace).

GENUS **TYMPANISTES.** Moore: P. Z. S., Lond., 1867, p. 48.

1825. Tympanistes pallidus.

Tympanistes pallida. Moore: l. c., p. 49, pl. 6, f. 1.
———— C. and S.: Cat. Moths of India, iii. 269. 1716 (1888).
Tympanistes pallidus. Hmn.: Faun. Brit. Ind. Moths, ii. p. 421 (1894).

Type. Darjiling, in coll. Rothschild.
a. India.

1826. Tympanistes testaceus.

Tympanistes testacea. Moore: P. Z. S., Lond., 1867, p. 49, pl. 6, f. 2.
————C. and S.: Cat. Moths of India, iii. 269. 1717 (1888).
Tympanistes testaceus. Hmn.: Faun. Brit. Ind. Moths, ii. p. 421 (1894).

Type. Darjiling, in coll. Rothschild.
a. India.

Genus **PSEUDELYDNA.** Hampson: Faun. Brit. Ind. Moths, ii. p. 420 (1894).

1827. Pseudelydna rufoflava.

Xanthia rufoflava. Walker: x. 467 (1856).
———— C. and S: Cat. Moths of India, iii. 284. 1816 (1888).
Pseudelydna rufoflava. Hampson: l. c.

Type, N. India, in B. M.
a. Indore (3) (Hearsay).

Genus **CAREA.** Walker: x. 474 (1856).
Dabarita. Walker: x. 478.
Chora. Walker: Journ. Linn. Soc., Lond., vi. p. 188 (1862).
Ranaja. Moore: Descr. Ind. Lep. Atk. p. 121 (1882).

1828. Carea varipes.

Carea varipes. Walker: x. 475 (1856).
———— Moore: Lep. Ceylon, ii. p. 116, pl. 123, f. 1. 1 *a* (1882).
———— C. and S.: Cat. Moths of India, ii. 169. 1121 (1887).
———— Hampson: Ill. Typ. Lep. Het., B. M., viii. 8. 204 (1891); and ix. 21. 485 (1893).
———— Faun. Brit. Ind. Moths, ii. p. 423 (1894).
———— Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 55.
Chora curvifera. Walker: Journ. Linn. Soc., Lond., vi. p. 188 (1862).
———— xxxiii. 719 (1865).
Dabarita rhodophila. Walker: xxxiii. 718.

Type (*rhodophila*). Java, in B. M.
a. Malacca (type) (Wallace). b. Sarawak, Borneo (type *curvifera*) (Wallace). c. Sumatra (Wallace). d. Ceylon.

1829. Carea subtilis.

Dabarita subtilis. Walker: x. 479.
———— Moore: Lep. Ceylon, ii. p. 117, pl. 123, f. 3. 3 *a* (1882).
———— Forsayeth: Trans. Ent. Soc., Lond., 1884, p. 408, pl. 14, f. 4. 4 *a*, 4 *b* (larva).
———— Butler: Ill. Typ. Lep. Het., B. M., vi. p. 27, pl. 107, f. 6. 7 (1886).
———— C. and S.: Cat. Moths of India, ii. 169. 1118 (1887).
Carea subtilis. Hampson: Ill. Typ. Lep. Het., B. M., ix. 21. 484 (1893).
———— Faun. Brit. Ind. Moths, ii. p. 422 (1894).

Type. N. India, in B. M.
a. Nilgiri Hills (2). b. Gangam. c. China (2). d. Sarawak, Borneo (Wallace).

1830. Carea repandens.

Chora repandens. Walker: Journ. Linn. Soc., Lond., vi. p. 188 (1862).
———— xxxiii. 719 (1865).
Cosmia (?) *sundana.* Felder: Reise Nov. Lep. pl. 110, f. 38 (1872).

Type (*sundana*). Amboina, in coll. Rothschild.
a. Sarawak, Borneo (type) (Wallace). b. Makian, Celebes (Wallace).

1831. Carea moira.

Carea moira. Swinhoe: Ann. Mag. N. H. (6), xii. p. 262 (1893).
Mythimna inducens. Walker: M. S.

Type. Selangore, in B. M.
a. Singapore (Wallace).

1832. Carea vexilla.

Dinumma vexilla. Swinhoe: Ann. Mag. N. H. (6), xii. p. 263 (1893).

Type. Singapore, in B. M.
a. Singapore.

GENUS **TINOSOMA.** Hampson: Faun. Brit. Ind. Moths, ii. p. 426 (1894).

1833. Tinosoma semifervens.

Gadirtha(?) semifervens. Walker: Journ. Linn. Soc. Lond., vii. p. 163 (1864).
———— xxxiii. 896 (1865).
Tinosoma hyperythrum. Hampson: l. c.

Type (*hyperythrum*). Naga Hills, in coll. Elwes.
a. Sarawak, Borneo (type) (Wallace).

FAMILY **QUADRIFIDÆ.**

SUB-FAMILY CATOCALINÆ.

GENUS **CETOLA.** Walker: v. 1015 (1855).

1834. Cetola dentata.

Cetola dentata. Walker: v. 1016.
———— Moore: P. Z. S., Lond., 1867, p. 682.
———— Swinhoe: P. Z. S., Lond., 1886, p. 48.
———— C. and S.: Cat. Moths of India, ii. 174. 1166 (1887).
———— Hampson: Faun. Brit. Ind. Moths, ii. p. 434 (1894).

Type. Nepal, in B. M.
a. India (2).

GENUS **MOMA.** Hübn.: Verz., p. 203 (1816).

1835. Moma champa.

Moma champa. Moore: P. Z. S., Lond., 1879, p. 403, pl. 33, f. 2.
———— C. and S.: Cat. Moths of India, ii. 180. 1213 (1887).
———— Hampson: Ill. Typ. Lep. Het., B. M., viii. 8. 217 (1891).
———— Faun. Brit. Ind. Moths, ii. p. 435 (1894).

Type. Dharmsala, in B. M.
a. India (2).

1836. Moma gracilis. nov. Pl. III. f. 1.

♂ Head, thorax, and wings white: abdomen orange with dorsal and lateral black spots edged with white: anal tuft white: thorax with

a black line in front, followed by a row of black spots, and a row of black spots on each side: fore-wings with a black figure of 8 at the end of cell; four black loups on the costa, the 2nd being the commencement of duplicate antemedial distorted transverse lines, the 3rd and 4th of medial lines, and some black twisted streaks near apex being the commencement of similar duplicate lines across the disc; the last two pairs of duplicate lines have some blackish suffusion inside them: cilia with black spots and with short black lines running in on the veins: hind-wings with central and discal suffused blackish transverse bands, the inner portion of the wing suffused with blackish; cilia with black spots.

Expanse of wings, 2 inches.

a. India (type).

The fore-wings are narrower than in *Moma champa*, the hinder margin shorter, and consequently the outer margin more oblique.

Genus **TAMBANA**. Moore: Descr. Ind. Lep. Atk., p. 155 (1882).

1837. Tambana infausta.

Mamestra infausta. Walker: ix. 237 (1856).
———— Moore: P. Z. S., Lond., 1867, p. 52.
———— C. and S.: Cat. Moths of India, iii. 319. 2075 (1888).
Trisuloides infausta. Hampson: Faun. Brit. Ind. Moths, ii. p. 436 (1894).
Tambana infausta. Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 55.

Type. Silhet, in B. M.

a. Java (Wallace). b. Khasia Hills.

Genus **TRISULA**. Moore: Cat. Lep. E. I. C., ii. p. 420 (1859).

1838. Trisula variegata.

Trisula variegata. Moore: l. c., pl. 12 *a*, f. 1; pl. 22, f. 1. 1 *a*, 1 *b* (larva).
———— Walker: xxxii. 576 (1865).
———— Forsayeth: Trans. Ent. Soc., Lond., 1884, p. 404 (larva).
———— Swinhoe: P. Z. S., Lond., 1885, p. 305, pl. 21, f. 7 (pupa) and 1886, p. 440.
———— C. and S.: Cat. Moths of India, ii. 196. 1331 (1887).
———— Hampson: Ill. Typ. Lep. Het., B. M., ix. 26. 612 (1893).
———— Faun. Brit. Ind. Moths, ii. p. 438 (1894).

Types ♂ ♀. N. India and Madras, in B. M.

a. India (2). b. Indore (2) (Hearsay).

Genus **CATOCALA**. Schrank: Fauna Boica, ii. (2), p. 158 (1802).

1839. Catocala concubia.

Catocala concubia. Walker: xiii. 1210 (1857).
———— Butler: Ill. Typ. Lep. Het., B. M., vi. p. 39, pl. 110, f. 10 (1886).
———— C. and S.: Cat. Moths of India, iii. 349. 2276 (1888).

Catocala concubia. Hampson: Faun. Brit. Ind. Moths, ii. p. 442 (1894).

Type. N. India, in B. M.

a. India.

1840. Catocala scortum.

Catocala scortum. Alph.: Rom. Mem., ix. p. 176, pl. 11, f. 4 (1897).

a. N. China.

1841. Catocala prægnax.

Catocala prægnax. Walker: xiii. 1213 (1857).
———— Butler: Ill. Typ. Lep. Het., B. M., ii. p. 25, pl. 46, f. 11 (1879).
———— Leech: P. Z. S., Lond., 1889, p. 552.
———— Butler: Entom., xxv. p. 283 (1892).
Catocala obliterata. Mén.: Cat. Mus. Petr., iii. p. 159, pl. 17, f. 3 (1863).
Catocala esther. Butler: Cist. Ent., ii. p. 243 (1877).
———— Ill. Typ. Lep. Het., B. M., ii. p. 40, pl. 33, f. 9 (1878).
———— Leech: Trans. Ent. Soc., Lond., 1889, p. 138.

Type. N. China, in B. M.

Type (*esther*). Yokohama, in B. M.

a. N. China.

1842. Catocala actæa.

Catocala actæa. Felder: Reise Nov. Lep., pl. 112, f. 22 (1873).
———— Leech: P. Z. S., Lond., 1889, p. 549.

Type. Japan, in coll. Rothschild.

a. Japan.

1843. Catocala dotata.

Catocala dotata. Walker: xiii. 1212 (1857); and xxxiii. 930 (1865).
———— Herr. Schäff.: Schmett., f. 585. 588 (1857).
———— Moore: P. Z. S., Lond., 1867, p. 68.
———— C. and S.: Cat. Moths of India, iii. 349. 2277 (1888).
Catocala persimilis. Warren: P. Z. S., Lond., 1888, p. 314.
———— S. and C.: Cat. Moths of India, vi. Add. 754. 2279. *a* (1889).
Catocala nymphæa. Hmn.: (part) Faun. Brit. Ind. Moths, ii. p. 440 (1894).

Type. N. India, in B. M.

Type (*persimilis*). Thundiani, Punjab, in B. M.

a. Kulu (2).

GENUS **DONUCA.** Walker: xxxiii. 925 (1865).

1844. Donuca spectabilis.

Donuca spectabilis. Walker: xxxiii. 926.
Serrodes xanthorrhœa. Felder: Reise Nov. Lep., pl. 112, f. 21 (1873).

Type. Swan River, in B. M.

Type (*xanthorrhœa*). Australia, in coll. Rothschild.

a. Queensland.

Genus **BATRACHARTA.** Walker: Journ. Linn. Soc., Lond., vi. p. 196 (1862).

Carissa. Walker: l. c., vii. p. 168 (1864).

Pilosocrures. Hampson: Ill. Typ. Lep. Het., B. M., viii. p. 85 (1891).

1845. Batracharta obliqua.

Batracharta obliqua. Walker: Journ. Linn. Soc., Lond., vi. p. 196.
——————— xxxiii. 764 (1865).
——————— Hampson: Faun. Brit. Ind. Moths, ii. p. 444 (1894).
Pilosocrures variegata. Hampson: Ill. Typ. Lep. Het., B. M., viii. p. 85, pl. 146, f. 20.

Type (*variegata*). Nilgiri Hills, in B. M.
a. Sarawak, Borneo (type) (Wallace).

1846. Batracharta cossoides. Pl. III. f. 10.

Carissa cossoides. Walker: Journ. Linn. Soc., Lond., vii. p. 168 (1864).
——————— xxxiii. 901 (1865).

a. Sarawak, Borneo (type) (Wallace).

Genus **PHORICA.** Walker: xv. 1732 (1858).

1847. Phorica phasipennis.

Phorica phasipennis. Walker: xv. 1732.
——————— Cotes and Swinh.: Cat. Moths of India, iii. 355. 2329 (1888).
——————— Hampson: Faun. Brit. Ind. Moths, ii. p. 443 (1894).

a. India (type).

Genus **ERYGIA.** Guen.: Noct., iii. p. 49 (1852).

Ansa. Walker: xv. 1731 (1858).

Calicula. Walker: xv. 1807.

1848. Erygia apicalis.

Erygia apicalis. Guen.: Noct., iii. 50. 1381.
——————— Walker: xiii. 1129 (1857).
——————— Moore: P. Z. S., Lond., 1867, p. 67.
——————— C. and S: Cat. Moths of India, iii. 361. 2368 (1888).
——————— Leech: P. Z. S., Lond., 1889, p. 543.
——————— Trans. Ent. Soc., Lond., 1889, p. 476.
——————— Butler: Entom., xxv. p. 213 (1892).
——————— Hampson: Faun. Brit. Ind. Moths, ii. p. 445 (1894).
Ansa filipalpis. Walker: xv. 1731 (1858).
——————— Moore: Lep. Ceylon, iii. p. 174 (1885).
——————— Cotes and Swinh.: l. c., 398. 2599.
——————— Hampson: Ill. Typ. Lep. Het., B. M., ix. p. 110, pl. 165, f. 14 (1893).
Calicula exempta. Walker: xv. 1808.
Calicula squamiplena. Walker: l. c.

Dianthæcia geometroides. Walker: xxxiii. 722 (1865).
Erygia usta. Walker: xxxiii. 918.

Type (*filipalpis*). Ceylon, in B. M.
Type (*exempta*). Moulmein, in B. M.
Type (*squamiplena*). Moreton Bay, in B. M.
Type (*geometroides*). Swan River, in B. M.
Type (*usta*). Java, in B. M.
a. Nilgiri Hills.

Genus **PRAXIS.** Guen.: Noct., iii. p. 28 (1852).

1849. Praxis porphyretica.

Praxis porphyretica. Guen.: l. c., 29. 1355.
——————— Walker: xiii. 1087 (1857).
——————— Butler: Entom., xxvi. p. 124 (1893).
Praxis inordinata. Walker: xiii. 1088.

Type (*inordinata*). Tasmania, in B. M.
a. Van Diemen's Land (2).

1850. Praxis edwardsii.

Praxis edwardsii. Guen.: Noct., iii. 29. 1356 (1852).
——————— Walker: xiii. 1087 (1857).

a. New South Wales. b. Australia (3).

Genus **SYPNA.** Guen.: Noct., iii. p. 144 (1852).
Daddala. Walker: xxxiii. 974 (1865).
Elpia. Walker: xxxiii. 983.

1851. Sypna omicronigera.

Sypna omicronigera. Guen.: Noct., iii. 145. 1530.
——————— Walker: xiv. 1260 (1858).
——————— Butler: Trans. Ent. Soc., Lond., 1881, p. 204.
——————— C. and S.: Cat. Moths of India, iii. 384. 2517 (1888).
——————— Hmn.: (part) Faun. Brit. Ind. Moths, ii. p. 446 (1894).
——————— Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 56.
Tavia dubitaria. Walker: xxxiii. 939 (1865).
——————— Moore: P. Z. S., Lond., 1867, p. 70.
Sypna dubitaria. Butler: l. c., p. 203.
——————— Cotes and Swinh.: l. c., 383. 2509.

Type (*dubitaria*). India, in coll. Staudinger.
a. India.

1852. Sypna catocaloides.

Tavia catocaloides. Moore: P. Z. S., Lond., 1867, p. 71, pl. 7, f. 3.
Sypna catocaloides. Butler: Trans. Ent. Soc., Lond., 1881, p. 206.
——————— C. and S.: Cat. Moths of India, iii. 382. 2504 (1888).
——————— Hampson: Faun. Brit. Ind. Moths, ii. p. 450 (1894).

Type. Bengal, in B. M.
a. Sikkim.

1853. Sypna achæoides. Pl. III. f. 3.

Elpia achæoides. Walker: xxxiii. 984 (1865).

a. Makian, Celebes (type) (Walker).

1854. Sypna subolivacea. Pl. IV. f. 3.

Cerbia subolivacea. Walker: Journ. Linn. Soc., Lond., vii. p. 179 (1864).
———— xxxiii. 953 (1865).

a. Sarawak, Borneo (type) (Wallace).

1855. Sypna samala. nov. Pl. III. f. 5.

♀ Fore-wings, brown, with three blackish brown transverse bands, 1st basal, 2nd sub-basal, 3rd medial, the space between these bands pinkish grey, a pinkish grey band outside the medial blackish band, the outer half of wing of a uniform brown with an indistinct darker discal band and a black streak at the apex: hind-wings pale brown, with slightly darker indistinct medial and discal bands, the latter with some blackish marks near the abdominal margin: underside pale ochreous grey, both wings, with two thin central bands and a broad discal band similar to those on *S. tenebrosa*, Butler.

Expanse of wings, $2\frac{3}{10}$ inches.

a. Singapore (type) (Horsley).

There is an example of this species in the B. M., unnamed, from Ding Ding Island.

1856. Sypna picta.

Sypna picta. Butler: Cist. Ent., ii. p. 244 (1877).
———— Ill. Typ. Lep. Het., B. M., ii. p. 40, pl. 33, f. 2 (1878).
———— Trans. Ent. Soc., Lond., 1881, p. 208.
———— Graesar: B. Ent. Zeit., xxxii. p. 369 (1888).
———— Leech: P. Z. S., Lond., 1889, p. 542.

Type. Hakodaté, in B. M.

a. Japan (2).

1857. Sypna fuliginosa.

Sypna fuliginosa. Butler: Cist. Ent., ii. p. 245 (1877).
———— Ill. Typ. Lep. Het., B. M., iii. p. 26, pl. 47, f. 8 (1879).
———— Trans. Ent. Soc., Lond., 1881, p. 205.

Type. Yokohama, in B. M.

a. Japan (2).

1858. Sypna kirbyi.

Sypna kirbyi. Butler: Trans. Ent. Soc., Lond., 1881, p. 209.
———— Waterhouse: Aid., ii. pl. 159, f. 5 (1885).
———— C. and S.: Cat. Moths of India, iii. 383. 2512 (1888).
———— Swinh.: Trans. Ent. Soc., Lond., 1895, p. 56.
Sypna rectilinea. Hmn.; (part) Faun. Brit. Ind. Moths, ii. p. 449 (1894).

Type. Darjiling, in B. M.

a. India.

1859. Sypna submarginata.

Tavia submarginata. Walker: xxxiii. 941 (1865).
———— Moore: P. Z. S., Lond., 1867, p. 71.
Sypna submarginata. Butler: Trans. Ent. Soc., Lond., 1881, p. 204.
———— C. and S.: Cat. Moths of India, iii. 385. 2527 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 56.
Sypna umbrosa. Butler: l. c.
———— Ill. Typ. Lep. Het., B. M., vi. p. 41, pl. 111, f. 3 (1886).
———— Cotes and Swinh.: l. c., 2529.
Sypna punctosa. Hmn.: (part) Faun. Brit. Ind. Moths, ii. p. 407 (1894).

Type. India, in coll. Staudinger.
Type (*umbrosa*). Shillong, in B. M.
a. India (3). b. Khasia Hills (2) (Hamilton).

1860. Sypna biocularis.

Tavia biocularis. Moore: P. Z. S., Lond., 1867, p. 71.
Sypna biocularis. Butler: Trans. Ent. Soc., Lond., 1881, p. 205.
———— C. and S.: Cat. Moths of India, iii. 381. 2501 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 56.
Sypna punctosa. Hmn.: (part) Faun. Brit. Ind. Moths, ii. p. 447 (1894).

Type. Bengal, in coll. Russell.
a. India (2).

Genus **ERCHEIA.** Walker: xiii. 1107 (1857).

1861. Ercheia cyllaria.

Phalæna-Noctua cyllaria. Cram.: Pap. Exot. iii. pl. 251, f. C. D (1782).
Achæa cyllaria. Guen.: Noct., iii. 249. 1670 (1852).
———— Walker: xiv. 1397 (1858).
Melioptis cyllaria. Moore: Lep. Ceylon, iii. p. 115, pl. 157, f. 3 (1885).
———— C. and S.: Cat. Moths of India, iii. 395. 2583 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 243.
———— Hampson: Ill. Typ. Lep. Het., B. M., viii. 20. 550 (1891); and ix. 25. 610 (1893).
Ercheia cyllaria. Swinhoe: P. Z. S., Lond., 1885, p. 465.
———— Butler: P. Z. S., Lond., 1892, p. 127.
———— (part) Entom., xxvii. p. 192 (1894).
———— Hmn.: (part) Faun. Brit. Ind. Moths, ii. p. 451 (1894).
———— Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 57.
Melioptis cyllaris. Hübn.: Verz., 260. 2558 (1816).

a. India. b. Indore (Hearsay). c. Nilgiri Hills. d. Bombay. e. Ceylon.

1862. Ercheia cyllota.

Achæa cyllota. Guen.: Noct., iii. 248. 1669 (1852).
———— Walker: xiv. 1397 (1858).
Melioptis cyllota. Moore: Lep. Ceylon, iii. p. 115, pl. 157, f. 2 (1885).
———— C. and S.: Cat. Moths of India, iii. 396. 2584 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 243.
Ercheia cyllota. Swinhoe: P. Z. S., Lond., 1885, p. 467.
———— Trans. Ent. Soc., Lond., 1895, p. 57.

Achæa signivitta. Walker: xiv. 1398.
Achæa atrivitta. Walker: Journ. Linn. Soc., Lond., vii. p. 181 (1864).
———— xxxiii. 959 (1865).
Ercheia cyllaria. Hmn.: (part) Faun. Brit. Ind. Moths, ii. p. 451 (1894).

Type (*signivitta*). Ceylon, in B. M.
a. Sarawak, Borneo (type *atrivitta*) (Wallace). b. Indore (2) (Hearsay). c. Nilgiri Hills (2).

1863. Ercheia pulchrivena.

Achæa pulchrivenea. Walker: Journ. Linn. Soc. Lond., vii. p. 182 (1864).
———— xxxiii. 959 (1865).

a. Sarawak, Borneo (type) (Wallace).

1864. Ercheia purpureilinea.

Achæa purpureilinea. Walker: Journ. Linn. Soc., Lond., vii. p. 181 (1864).
———— xxxiii. 959 (1865).
Ercheia uniformis. Moore: P. Z. S., Lond., 1883, p. 24.
Melioptis uniformis. C. and S.: Cat. Moths of India, iii. 396. 2590 (1888).

Type (*uniformis*). Malabar, in B. M.
a. Sarawak, Borneo (type) (Wallace).

1865. Ercheia quadriplaga.

Achæa quadriplaga. Walker: xxxiii. 961 (1865).

a. Celebes (type) (Wallace).

1866. Ercheia semipallida.

Achæa semipallida. Walker: Journ. Linn. Soc., Lond., vii. p. 181 (1864)
———— xxxiii. 959 (1865).

a. Sarawak, Borneo (type) (Wallace).

1867. Ercheia fusifera.

Achæa fusifera. Walker: xiv. 1398 (1858).
Ercheia fusifera. Butler: P. Z. S., Lond., 1880, p. 678.
Melioptis fusifera. Moore: Lep. Ceylon, iii. p. 116 (1885).
———— C. and S.: Cat. Moths of India, iii. 396. 2586 (1888).
———— Hmn.: Ill. Typ. Lep. Het., B. M., viii. 20. 552 (1891).
Melioptis gundiana. Felder: Reise Nov. Lep., pl. 116, f. 10 (1873).

Type. Ceylon, in B. M.
Type (*gundiana*). Amboina, in coll. Rothschild.
a. Port Blair, Andamans.

GENUS **HYPOCALA.** Guen.: Noct., iii. p. 73 (1852).

1868. Hypocala deflorata.

Noctua deflorata. Fabr.: Ent. Syst., iii. p. 472 (1794).
Hypocala deflorata. Guen.: Noct., iii. 76. 1422 (1852).
———— Walker: xiii. 1175 (1857).
———— Moore: P. Z. S., Lond., 1867, p. 67.
———— C. and S.: Cat. Moths of India, iii. 350. 2288 (1888).
———— Hampson: Ill. Typ. Lep. Het., B. M., viii. 17. 465 (1891); and ix. 22. 517 (1893).

Hypocala deflorata. Butler: (part) Ann. Mag. N. H. (6), x. p. 20 (1892).
——— Hmn.: (part) Faun. Brit. Ind. Moths, ii. p. 453 (1894)
Hypocala efflorescens. Guen.: Noct., iii. 77. 1423.
——— Walker: xiii. 1175.
——— Moore: P. Z. S., Lond., 1867, p. 68.
——— Swinhoe: P. Z. S., Lond., 1885, p. 462.
——— Cotes and Swinhoe: l. c., 2289.
——— Hampson: Ill. Typ. Lep. Het., B. M., viii. 17. 466 (1891); and ix. 22. 518 (1893).
Hypocala angulipalpis. Guen.: l. c., 1424.
——— Walker: xiii. 1176.
——— Moore: Lep. Ceylon, iii. p. 127, pl. 160, f. 4 (1885).
——— Cotes and Swinhoe: l. c., 2286.

a. India. b. Indore (2) (Hearsay).

1869. Hypocala subsatura.

Hypocala subsatura. Guen.: Noct., iii. 75. 1419 (1852).
——— Walker: xiii. 1175 (1857).
——— Moore: P. Z. S., Lond., 1867, p. 68.
——— C. and S.: Cat. Moths of India, iii. 351. 2292 (1888).
——— Butler: Ann. Mag. N. H. (6), x. p. 20 (1892).
——— Hampson: Faun Brit. Ind. Moths, ii. p. 453 (1894).
Hypocala aspersa. Butler: P. Z. S., Lond., 1883, p. 164.
——— Cotes and Swinhoe: l. c., 350. 2287.
——— Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 57.

Type (*aspersa*). Solon, Simla, in B. M.
a. Indore (2) (Hearsay).

1870. Hypocala rostrata.

Noctua rostrata. Fabr.: Ent. Syst., iii. 2. 127 (1894).
——— Naturf. 197, pl. 4, f. 4.
Hypocala rostrata. Guen.: Noct., iii. 74. 1418 (1852).
——— Walker: xiii. 1175 (1857).
——— Moore: P. Z. S., Lond., 1867, p. 68.
——— C. and S.: Cat. Moths of India, iii. 350. 2291 (1888).

a. India. b. Indore (Hearsay).

1871. Hypocala moorei.

Hypocala moorei. Butler: Ann. Mag. N. H. (6), x. p. 21 (1892).
——— Hampson: Faun. Brit. Ind. Moths, p. 454 (1894).
——— Swinhoe: Trans. Ent. Soc., Lond., 1895. p. 57.
Hypocala efflorescens. Moore (nec Guen.): Lep. Ceylon, iii. p. 126, pl. 160, f. 5. 5 a (1885).

Type. Ceylon, in B. M.
a. India. b. Darjiling.

1872. Hypocala guttiventris.

Hypocala guttiventris. Walker: xiii. 1176 (1857).
——— Butler: Ann. Mag. N. H. (6), x. p. 20 (1892).
Hypocala lativitta. Walker: xxxiii. 929 (1865).
Hypocala triphœnina. Felder: Reise Nov. Lep., pl. 112, f. 20 (1873).

Types (*guttiventris* and *lativitta*). Moreton Bay, in B. M.
Type (*triphænina*). Moreton Bay, in coll. Rothschild.
a. Australia (2). b. Queensland.
One example is hardly separable from *H. Moorei* Butler from India.

1873. Hypocala lativitta.

Hypocala lativitta. Moore: P. Z. S., Lond., 1877, p. 606, pl. 60, f. 4.
——— C. and S.: Cat. Moths of India, iii. 350. 2290 (1888).
——— Hampson: Faun. Brit. Ind. Moths, ii. p. 454 (1894).
——— Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 57.

Type. S. Andamans, in B. M.
a. Khasia Hills.

Sub-Family SPEIREDONIINÆ.

Genus **ANISONEURA.** Guen.: Noct., iii. p. 160 (1852).

1874. Anisoneura hypoceana.

Anisoneura hypoceana. Guen.: l. c., 162. 1553.
——— Walker: xiv. 1286 (1858).
——— Moore: P. Z. S., Lond., 1867, p. 71.
——— C. and S.: Cat. Moths of India, iii. 385. 2530 (1888).
——— Hmn.: Faun. Brit. Ind. Moths, ii. p. 456 (1894).
——— Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 57.

a. India. b. Indore (2) (Hearsay). c. Silhet. d. Singapore (2). e. Java. f. Dorey.

1875. Anisoneura salebrosa.

Anisoneura salebrosa. Guen.: Noct., iii. 161. 1552 (1852).
——— Walker: xiv. 1285 (1858).
——— Moore: P. Z. S., Lond., 1867, p. 71.
——— Swinhoe: P. Z. S., Lond., 1885, p. 462.
——— C. and S.: Cat. Moths of India, iii. 385. 2531 (1888).
——— Hmn.: Faun. Brit. Ind. Moths, ii. p. 457 (1894).
——— Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 57.

a. India. b. Silhet.

Genus **SPEIREDONIA.** Hübn.: Verz., p. 272 (1816).
Sericia. Guen.: Noct., iii. p. 172 (1852).

1876. Speiredonia feducia.

Phalæna-Noctua feducia. Stoll: Cram. Pap. Exot., v. pl. 36, f. 3 (1790).
Speiredonia feducia. Hübn.: Verz., p. 272.
——— Guen.: Noct., iii. 171. 1760.
——— Walker: xiv. 1292 (1858).
——— Moore: P. Z. S., Lond., 1867, p. 71.
——— Lep. Ceylon, iii. p. 143, pl. 164, f. 2 (1885).
——— C. and S.: Cat. Moths of India, iii. 390. 2552 (1888).
——— Hampson: Ill. Typ. Lep. Het., B. M., viii. 20. 540 (1891); and ix. 25. 596 (1893).

Speiredonia feducia. Hmn.: (part) Faun. Brit. Ind. Moths, ii. p.458 (1894).
Sericia parvipennis. Walker: xiv. 1297.

Type (*parvipennis*). Ceylon, in B. M.
a. India (3). b. New Caledonia.

1877. Speiredonia zamis.

Phalæna-Noctua zamis. Stoll: Cram. Pap. Exot., v. pl. 36, f. 11 (1790).
Speiredonia zamis. Guen.: Noct., iii. 171. 1561 (1852).
———— Walker: xiv. 1293 (1858).
———— Moore: P. Z. S., Lond., 1867, p. 72.
———— Lep. Ceylon, iii. p. 143, pl. 164, f. 3 (1885).
———— C. and S.: Cat. Moths of India, iii. 390. 2554 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 241; and 1895, p. 57.
———— Butler: Entom., xxvi. p. 245 (1893).
———— Hmn.: Ill. Typ. Lep. Het., B. M., ix. 25. 598 (1893).
Speiredonia retrahens. Walker: xiv. 1294.
———— Moore: P. Z. S., Lond., 1867, p. 72; 1877, p. 608.
———— Lep. Ceylon, iii. p. 142, pl. 164, f. 4. 6.
———— Swinhoe: P. Z. S., Lond., 1885, p. 463.
———— Cotes and Swinh.: l. c., 2553.
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 241.
———— Hampson: Ill. Typ. Lep. Het., B. M., viii. 20. 541 (1891); and ix. 25. 597 (1893).
Ommatophora albifascia. Walker: xxxiii. 947 (1865).
Speiredonia conspicua. Felder: Reise Nov. Lep., pl. 113, f. 7 (1873).

Types (*retrahens* and *albifascia*). Ceylon, in B. M.
Type (*conspicua*). Andamans, in coll. Rothschild.

a. India (3). b. Indore (3) (Hearsay). c. Cambodia, Siam (Mouhot). d. Timor (Wallace). e. Port Essington.

1878. Speiredonia alix.

Speiredonia alix. Guen.: Noct., iii. 171. 1561 (1852).
———— Walker: xiv. 1294 (1858).
———— Butler: Entom., xxvi. p. 245 (1893).
———— Hampson: Faun. Brit. Ind. Moths, ii. p. 458 (1894).
Tavia substruens. Walker: xiv. 1276.
———— Moore: P. Z. S., Lond., 1867, p. 70; 1877, p. 608.
Sericia substruens. C. and S.: Cat. Moths of India, iii. 391. 2557 (1888).
Speiredonia substruens. Butler: Entom., xxv. p. 245.
———— Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 57.
Syrnia sparsa. Walker: xiv. 1280.
Sericia calamistrata. Moore: P. Z. S., Lond., 1883, p. 26.
———— Cotes and Swinh.: l. c., 2556.

Type (*substruens*). N. India, in B. M.
Type (*sparsa*). Without locality, in B. M.
Type (*calamistrata*). Andamans, in B. M.
a. India. b. Silhet (3).

1879. Speiredonia anops.

Sericia anops. Guen.: Noct., iii. 173. 1564 (1852).
———— Walker: xiv. 1296 (1858).

Sericia anops. Moore: Lep. Ceylon, iii. p. 144, pl. 164, f. 7 (1885).
———— Swinhoe: P. Z. S., Lond., 1885, p. 462.
———— C. and S.: Cat. Moths of India, iii. 391. 2555 (1888).
———— Druce: P. Z. S., Lond., 1888, p. 224.
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 241.
———— Hampson: Ill. Typ. Lep. Het., B. M., viii. 20. 542 (1891); and ix. 25. 599 (1893).
Speiredonia anops. Hampson: Faun. Brit. Ind. Moths, ii. p. 457 (1894).

a. India (2). b. Nilgiri Hills.

1880. Speiredonia spectans.

Sericia spectans. Guen.: Noct., iii. 173. 1563 (1852).
———— Walker: xiv. 1296 (1858).

a. Australia (3). b. Richmond River.

Genus **DASYPODIA.** Guen.: Noct., iii. p. 174 (1852).

1881. Dasypodia selenophora.

Dasypodia selenophora. Guen.: Noct., iii. 175. 1566.
———— Walker: xiv. 1299 (1858).
———— Meyrick: Trans. N. Zeal. Inst., xix. p. 38 (1887).

a. W. Australia (2). b. Swan River (3). c. New Holland. d. Van Diemen's Land.

Genus **PATULA.** Guen.: Noct., iii. p. 176 (1852).

1882. Patula macrops.

Phalæna-attacus macrops. Linn.: Syst. Nat., (12) iii. p. 225 (1769).
———— Cram.: Pap. Exot., ii. p. 114, pl. 171, f. A. B (1777).
Erebus macrops. Sulzer: Ins., p. 160, pl. 22, f. 2 (1776).
———— Don: Ins. China, p. 80, pl. 44, f. 1 (1842).
Argiva macrops. Hübn.: Verz., 272. 2679 (1816).
Patula macrops. Guen.: Noct., iii. 177. 1568 (1852).
———— Walker: xiv. 1300 (1858).
———— Moore: P. Z. S., Lond., 1867, p. 72.
———— Lep. Ceylon, iii. p. 145, pl. 164, f. 5 (1885).
———— Journ. As. Soc. Beng., lv (2). p. 100 (1886).
———— Swinhoe: P. Z. S., Lond., 1885, p. 462.
———— Haase: Iris, i. p. 172 (1887).
———— Druce: P. Z. S., Lond., 1888, p. 575.
———— C. and S.: Cat. Moths of India, iii. 386. 2533 (1888).
———— Leech: Trans. Ent. Soc., Lond., 1889, p. 138.
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 240; 1895, p. 58.
———— Hampson: Ill. Typ. Lep. Het., B. M., viii. 19. 532 (1891); and ix. 25. 589 (1893).
———— P. Z. S., Lond., 1892, pp. 192, 193, fig. 5.
Nyctipao macrops. Hampson: Faun. Brit. Ind. Moths, ii. p. 259 (1894).
Noctua bubo. Fabr.: Sp. Ins., ii. 209. 3 (1781).
———— Mant. Ins., ii. 135. 3 (1787).
———— Ent. Syst., iii (2). 9. 4 (1794).
Erebus bubo. Boisd.: Faun. Ent. Madag. Lep., 110. 1 (1834).

Patula boopis. Guen.: Noct., iii. 178. 1560 (1852).
———— Walker: xiv. 1301 (1858).
———— Moore: P. Z. S., Lond., 1865, p. 72.
———— Cotes and Swinh.: l. c., 2532.
Patula walkeri. Butler: Ann. Mag. N. H. (4), xvi. p. 406 (1875).

Type (*walkeri*). D'Urban, in B. M.

a. Silhet. b. Poona. c. Indore (5) (Hearsay). d. Koorg. e. Ceylon. f. Cambodia, Siam (Mouhot). g. Singapore (Wallace). h. Amboina (Wallace). i. Timor (Wallace).

Genus **NYCTIPAO**. Hübn.: Verz., p. 271 (1816).

1883. Nyctipao crepuscularis.

Phalæna-Attacus crepuscularis. Linn.: Syst. Nat., i. (2) 811. 13 (1759).
———— Mus. Lud. Ulr., 378. 13 (1764).
Phalæna-Noctua crepuscularis. Clerck: Icones, pl. 53, f. 3, 4 (1764).
———— Drury: Exot. Ins., i. p. 37, pl. 20, f. 1, 2 (1770).
———— Cram.: Pap. Exot., ii. pl. 159, f. A (1779).
———— Gmel.: ed. Syst. Nat., i. (5) 2530. 13 (1787).
Noctua crepuscularis. Fabr.: Sp. Ins., ii. 211. 11 (1781).
———— Mant. Ins., ii. 136. 12 (1787).
———— Ent. Syst., iii. (2) 13. 17 (1794).
Erebus crepuscularis. Boisd.: Faun. Ent. Madag., iii. p. 2 (1834).
———— Westw.: ed. Drury, i. p. 37, pl. 20, f. 1, 2 (1837).
———— Nat. Libr., vii. p. 196, pl. 25, f. 1 (1841).
———— Duncan: Exot. Moths, p. 196, pl. 25, f. 1 (1841).
———— Koll.: Hügel's Kaschmir: iv. p. 475 (1844).
Nyctipao crepuscularis. Guen.: Noct., iii. 182. 1574 (1852).
———— Walker: xiv. 1304 (1858).
———— Moore: P. Z. S., Lond., 1867, p. 72; 1877, p. 608; and 1878, p. 849.
———— Druce: P. Z. S., Lond., 1877, p. 642.
———— Moore: Lep. Ceylon, iii. p. 148, pl. 165, f. 1, 1 *a* (1885).
———— Swinhoe: P. Z. S., Lond., 1885, p. 462.
———— Moore: Journ. Linn. Soc. Zool., xxi. p. 58 (1886).
———— Journ. As. Soc. Beng., lv. (2) p. 100 (1886).
———— C. and S.: Cat. Moths of India, iii. 387. 2539 (1888).
———— Leech: Trans. Ent. Soc., Lond., 1889, p. 138.
———— P. Z. S., Lond., 1889, p. 544.
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 241; and 1895, p. 58.
———— Hmn.: Faun. Brit. Ind. Moths, ii. p. 461 (1894).
Argiva crepuscularis. Hampson: Ill. Typ. Lep. Het., B. M., viii. 20. 537 (1891); and ix. 25. 591 (1893).
Nyctipao ephesphoris. Hübn.: Verz., 272. 2675 (1816).
———— Butler: P. Z. S., Lond., 1879, p. 165.
Nyctipao lætitia. Butler: Ann. Mag. N. H. (5), i. p. 291 (1878); and (5) v. p. 225 (1880).
———— Ill. Typ. Lep. Het. B. M., iii. p. 26, pl. 47, f. 9 (1879).

Type (*lætitia*). Hakodaté, in B. M.

a. Indore (Hearsay). b. Singapore. c. Penang. d. Java. e. Sarawak, Borneo (Wallace). f. Ceylon. g. Amboina (Wallace). h. Ceram (2) (Wallace). i. Sumatra (Wallace).

1884. Nyctipao leucotænia.

Nyctipao leucotænia. Guen.: Noct., iii. 184. 1576 (1852).
——————— Walker: xiv. 1305 (1858).
Phalæna-Noctua crepuscularis. Clerck (nec Linn.): Icones, pl. 53, f. 1, 2 (1759).

a. Tondano (Wallace). b. Amboina (Wallace).

Differs from *crepuscularis* in having the inner band below the ocellus brown and sinuous, instead of straight and outwardly margined with white as in *crepuscularis*: the straight discal band across both wings very broad, both above and below; I have it also from the Philippines: it is well figured by Clerck.

1885. Nyctipao variegata. nov.

♂ Colour chocolate brown as in *crepuscularis* Linn.: fore-wings with the sub-apical white spots, the ocellus and band round it as in that species; but this band below the ocellus is indented on the sub-median vein: the discal area is more or less suffused with white: on the hind-wings there are four brown bands at equal distances apart, inside the sub-marginal band which is highly sinuous and distorted as in *crepuscularis*; but the 1st and 2nd bands are sinuous and not straight, and the 3rd and 4th are lunular, with spear-shaped white marks on their outer sides; there is a large white spot with a smaller one below it at the apex, and the disc is more or less suffused with white; below, the margin is broadly brown; the submarginal spots on both wings very large: the inner area on some specimens is ochreous grey, and on others pure white.

Expanse of wings, $4\frac{2}{10}$ inches.

a. Queensland (type, brown form). b. Queensland (type, white form).

1886. Nyctipao albicincta.

Erebus albicinctus. Koll.: Hügel's Kaschmir, iv. p. 474, pl. 22 (1844).
Nyctipao albicincta. Walker: xiv. 1304 (1858).
——————— C. and S.: Cat. Moths of India, iii. 387. 2537 (1888).
——————— Hampson: Faun. Brit. Ind. Moths, ii. p. 461 (1894).
——————— Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 58.
Argiva albicincta. Hmn.: Ill. Typ. Lep. Het., B. M., viii. 19. 536 (1891).
Erebus rivularis. Westw.: Cab. Or. Ent., p. 57, pl. 28, f. 3 (1848).
——————— Guen.: Noct., iii. 182. 1573 (1852).

a. Assam. b. Silhet (2). c. India (3).

1887. Nyctipao gemmans.

Nyctipao gemmans. Guen.: Noct., iii. 182. 1572 (1852).
——————— Walker: xiv. 1304 (1858).
——————— Moore: P. Z. S., Lond., 1867, p. 72.

Nyctipao gemmans. C. and S.: Cat. Moths of India, iii. 388. 2541 (1888).
———— Hampson: Faun. Brit. Ind. Moths, ii. p. 461 (1894); and iv. p. 531 (1896).
———— Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 58.
Nyctipao ophristigmaris. Hampson: Trans. Ent. Soc., Lond., 1895, p. 305.
Type (*ophristigmaris*). Bhutan, in B. M.
a. Silhet.

1888. Nyctipao orcina.

Argiva orcina. Felder: Reise Nov. Lep., pl. 115, f. 14 (1873).
Type. Moluccas, in coll. Rothschild.
a. Ceram ♂ (Wallace). b. Dorey ♀ (Wallace).

GENUS **ARGIVA.** Hübn.: Verz., p. 272 (1816).
Bocana. Walker: xxxi. 57 (1864) (præocc.).
Coria. Walker: xxxv. 1982 (1866).

1889. Argiva hieroglyphica.

Phalæna-Noctua hieroglyphica. Drury: Ins. Exot., ii. p. 3, pl. 2, f. 1 (1773).
Noctua hieroglyphica. Fabr.: Ent. Syst. iii. (2) 11. 10 (1794).
Erebus hieroglyphica. Don.: Ins. Ind., p. 85, pl. 54, f. 3 (1800).
———— Westw.: ed. Drury, ii. p. 3, pl. 2, f. 1 (1843).
Argiva hieroglyphica. Hübn.: Verz., 272. 2677 (1816).
———— Guen.: Noct., iii. 179. 1570 (1852).
———— Walker: xiv. 1302 (1858).
———— Moore: P. Z. S., Lond., 1867, p. 72; 1877, p. 608; and 1878, p. 848.
———— Butler: P. Z. S., Lond., 1881, p. 619.
———— Moore: Lep. Ceylon, iii. p. 146, pl. 165, f. 2, 2*a* (1885).
———— Swinhoe: P. Z. S., Lond., 1885, p. 462.
———— Moore: Journ. Linn. Soc. Zool., xxi. p. 58 (1886).
———— Journ. As. Soc. Beng., lv. (2) p. 100 (1886).
———— C. and S.: Cat. Moths of India, iii. 387. 2535 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 241; and 1895, p. 58.
———— Hampson: Ill. Typ. Lep. Het., B. M., viii. 19. 534 (1891); and ix. 25. 590 (1893).
———— P. Z. S., Lond., 1892, pp. 192, 193, fig. 6.
Nyctipao hieroglyphica. Hmn.: Faun. Brit. Ind. Moths, ii. p. 459 (1894).
Phalæna-Noctua mygdonia. Cram.: Pap. Exot., ii. pl. 174, f. F (1779).
Phalæna-Noctua hermonia. Cram.: l. c., f. E.
Argiva hermonia. Hübn.: Verz., 272. 2678.
Erebus hermonia. Boisd.: Faun. Ent. Madag. Lep., iii. p. 4 (1834).
Noctua ulula. Fabr.: Sp. Ins. ii. 211. 9 (1781).
———— Mant. Ins., ii. 136. 9 (1787).
———— Ent. Syst., iii. (2) 11. 11 (1794).

a. India (7). b. Indore (6) (Hearsay). c. Silhet. d. Assam. e. Siam (Mouhot). f. Singapore. g. Timor (Wallace).

1890. Argiva caprimulgus.

Noctua caprimulgus. Fabr.: Sp. Ins., ii. 210. 6 (1781).
———— Mant. Ins., ii. 135. 6 (1787).

Noctua caprimulgus. Fabr.: Ent. Syst., iii. (2) 10. 7 (1794).
Phalæna caprimulgus. Gmel.: ed. Syst. Nat., i. (5) 2529. 965 (1787).
Argiva caprimulgus. Walker: xiv. 1302 (1858).
———— Moore: P. Z. S., Lond., 1867, p. 72; 1878, p. 848.
———— Swinhoe: P. Z. S., Lond., 1885, p. 462.
———— C. and S.: Cat. Moths of India, iii. 386. 2534 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 240; and 1895, p. 58.
———— Hmn.: Ill. Typ. Lep. Het., B. M., viii. 19. 533 (1891).
Nyctipao exterior. Walker: xiv. 1306.
———— Butler: Ill. Typ. Lep. Het., B.M., vi. p. 45, pl. 112, f. 3 (1886).
———— Moore: Journ. As. Soc. Beng., lv. (2) p. 100 (1886).
———— Cotes and Swinhoe: l. c., 388. 2540.
Nyctipao obliterans. Walker: xiv. 1307.
———— Moore: P. Z. S., Lond., 1867, p. 72.
Nyctipao truncata. Moore: l. c., 1877, p. 608.
———— Cotes and Swinhoe: l. c., 389. 2544.

Types (*exterior* and *obliterans*). Silhet, in B. M.
Type (*truncata*). Andamans, in B. M.
a. Silhet. b. Khasia Hills. c. India (3). d. Assam.
e. Flores (Wallace).

1891. Argiva ærosa. nov.

♂ Allied to *A. caprimulgus* Fabr.: pale brown with a brazen tinge, not black brown as in that species: the ocellus ringed round, smaller, not whorl shaped, with its outer circle not looping down to vein 2, but completely ringed above the vein, its upper part below the sub-costal vein: blue irridescent specs inside it in patches, as well as outlining the head of the lobe inside the ring: a brown fascia outside the ocellus, another across the disc: a sub-marginal brown sinuous line: hind-wings and underside of a uniform brown; the underside without any of the usual white spots: fore-wings with an indistinct line of white sub-marginal specs on the veins.

Expanse of wings, $3\frac{6}{10}$ inches.

a. Gilolo (type) (Doherty).

1892. Argiva lunaris.

Bocana lunaris. Walker: xxxi. 57 (1864).
Coria lunaris. Walker: xxxv. 1982 (1866).

a. Makian, Celebes (type) (Wallace). b. Makian (Wallace).
c. Talisse, Celebes (S. J. Hickson).

Genus **HULODES.** Guen.: Noct., iii. p. 207 (1852).

1893. Hulodes caranea.

Phalæna-Noctua caranea. Cram.: Pap. Exot., iii. pl. 269, f. E. F (1782).
Bendis caranea. Hübn.: Verz., 269. 2650 (1816).
Hulodes caranea. Guen.: Noct., iii. 208. 1608 (1852).
———— Walker: xiv. 1335 (1858).
———— Moore: P. Z. S., Lond., 1867, p. 73.

Hulodes caranea. Moore: Lep. Ceylon, iii. p. 155, pl. 166, f. 3, 3 *a*; and pl. 167, f. 6 (larva) (1885).
———— Swinhoe: P. Z. S., Lond., 1885, p. 463.
———— Haase: Iris, i. p. 173 (1887).
———— Druce: P. Z. S., Lond., 1888, p. 575.
———— C. and S.: Cat. Moths of India, iii. 394. 2575 (1888).
———— Leech: Trans. Ent. Soc, Lond., 1889, p. 141.
———— Meyrick: Trans. Ent. Soc., Lond., 1889, p. 474.
———— Hampson: Ill. Typ. Lep. Het., B. M., viii. 20. 549 (1891); and ix. 25. 607 (1893).
———— Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 58.
Hylodes caranea. Hampson: Faun. Brit. Ind. Moths, ii. p. 462 (1894).

a. Indore (5) (Hearsay). b. Assam. c. Silhet. d. Poona. e. Ceylon. f. Java. g. Singapore. h. Ceram (Wallace). i. Sumatra (Wallace).

1894. Hulodes drylla.

Hulodes drylla. Guen.: Noct., iii. 209. 1609, pl. 24, f. 10 (1852).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 242; 1895, p. 58.
———— Butler: Entom., xxvi. p. 353 (1893).
Hylodes drylla. Hampson: Faun. Brit. Ind. Moths, ii. p. 463 (1894).
Hulodes saturnioides. Guen.: l. c., 1610.
———— Walker: xiv. 1336 (1858).
———— C. and S.: Cat. Moths of India, iii. 395. 2577 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 58.
Hypopyra restorans. Walker: xiv. 1328.
Hulodes restorans. Moore: P. Z. S., Lond., 1867, p. 73.
———— Cotes and Swinhoe: l. c., 394. 2576.

Type (*restorans*). Silhet, in B. M.
a. Bengal. b. Singapore (3). c. Sarawak, Borneo (Wallace).

GENUS **AGONISTA.** Rogenhoff. Feld. Reise Nov. Lep., pl. 113, f. 5 and explanation of plate (1869).
Lygniodes. Guen.: Noct., iii. p. 123 (1852) (præocc.).

1895. Agonista hypoleuca.

Lygniodes hypoleuca. Guen.: l. c., 125. 1500.
———— Walker: xiii. 1236 (1857).
———— Moore: P. Z. S., Lond., 1867, p. 69.
———— Butler: Ann. Mag. N. H. (5), xvi. p. 347 (1885).
———— C. and S.: Cat. Moths of India, iii. 380. 2495 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 240.
———— Hmn.: Ill. Typ. Lep. Het., B. M., viii. 19. 528 (1891).
Agonista hypoleuca. Hampson: Faun. Brit. Ind. Moths, ii. p. 463 (1894).
———— Swinhoe: l. c., 1895, p. 58.

a. India. b. Silhet (3). c. Singapore.

1896. Agonista endoleuca.

Lygniodes endoleuca. Guen.: Noct., iii. 124. 1499 (1852).
———— Walker: xiii. 1235 (1857).

Lygniodes endoleuca. C. and S.: Cat. Moths of India, iii. 380. 2494 (1888).
Agonista endoleuca. Haase: Iris, i. p. 171 (1887).
——————— Hampson: Faun. Brit. Ind. Moths, ii. p. 464 (1894).

a. Singapore. b. Mount Ophir. c. Without locality.

1897. Agonista reducens.

Lygniodes reducens. Walker: xiii. 1236 (1857).
——————— C. and S.: Cat. Moths of India, iii. 381. 2496 (1888).
——————— Hampson: Ill. Typ. Lep. Het., B. M., viii. 19. 529 (1891); and ix. 25. 587 (1893).
Agonista reducens. Moore: Lep. Ceylon, iii. p. 140, pl. 163, f. 3, 3 *a* (1885).
——————— Hmn.: (part) Faun. Brit. Ind. Moths, ii. p. 464 (1894).
Lygniodes disparans. Walker: xv. 1817 (1858).

Type. Ceylon, in B. M.
Type (*disparans*). Ceylon, in B. M.
a. India (2).

1898. Agonista ciliata.

Lygniodes ciliata. Moore: P. Z. S., Lond., 1867, p. 69.
——————— C. and S.: Cat. Moths of India, iii. 380. 2493 (1888).
Agonista ciliata. Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 59.

Type. Bengal, in coll. Russell.

On the underside of this species, the hind-wings are not white as in *reducens*, but are of the same uniform brown colour as the fore-wings.

1899. Agonista plateni.

Lygniodes plateni. Pag.: Iris, iii. p. 118 (1889).
Lygniodes maurus. Butler: P. Z. S., London, 1892, p. 127.

Type (*maurus*). Sandakan, Borneo, in B. M.
a. Sandakan.

1900. Agonista ochrifera.

Lygniodes ochrifera. Felder: Reise Nov. Lep., pl. 113, f. 5 ♂ 6 ♀ (1869).
Agonista ochrifera. Haase: Iris, i. p. 171 (1887).

Type. Moluccas, in coll. Rothschild.
a. Talisse, Celebes (S. J. Hickson).

Sub-Family POLYDESMINÆ.

Genus **PANDESMA**. Guen.: Noct., ii. p. 438 (1852).
Cerbia. Walker: xiv. 1365 (1858); xv. 1826 (1858).
Bamra. Moore: Descr. Ind. Lep. Atk., p. 159 (1882).
Vapara. Moore: l. c., p. 163.

1901. Pandesma quenavadi.

Pandesma quenavadi. Guen.: Noct., ii. 438. 1310.
——————— Walker: xiii. 1040 (1857).

Pandesma quenavadi. Moore: P. Z. S., Lond., 1867, p. 65.
———— Butler: P. Z. S., 1884, p. 498.
———— Swinhoe: P. Z. S., Lond., 1885, p. 452; 1886, p. 448.
———— Moore: Lep. Ceylon, iii. p. 91, pl. 156, f. 1 (1885).
———— Butler: P. Z. S., Lond., 1886, p. 381.
———— C. and S.: Cat. Moths of India, iii. 371. 2443 (1888).
———— Hampson: Ill. Typ. Lep. Het., B. M., viii. 19. 514 (1891); and ix. 24. 571 (1893).
———— Butler: Entom. xxvi. p. 45 (1893).
Polydesma quenavadi. Hmn.: (part) Faun. Brit. Ind. Moths, ii. p. 466 (1894).
———— P. Z. S., Lond., 1896, p. 263.
Pandesma anysa. Guen.: Noct., ii. 439. 1311.
———— Walker: xiii. 1040.
———— Moore: P. Z. S., Lond., 1883, p. 23.
———— Butler: P. Z. S., Lond., 1883, p. 165.
———— Swinhoe: P. Z. S., Lond., 1885, p. 459.
Cerbia fugitiva. Walker: xiv. 1365.
Thria fugitiva. Butler: P. Z. S., Lond., 1881, p. 619.
Pandesma fugitiva. Swinhoe: P. Z. S., Lond., 1884, p. 519.
Pandesma similata. Moore: P. Z. S., Lond., 1883, p. 24.
———— Swinhoe: P. Z. S., Lond., 1884, p. 520.
———— Cotes and Swinhoe: l. c., 2444.

Type (*fugitiva*). Punjab, in B. M.
Type (*similata*). Rawul Pindi, in B. M.
a. India. b. Indore (11) (Hearsay). c. Bombay (2).
d. Nilgiri Hills.

1902. Pandesma partita.

Cerbia partita. Walker: xv. 1826 (1858).

Type. N. Australia, in B. M.
a. E. Australia.

1903. Pandesma lawsoni.

Diatenes (?) *lawsoni.* Felder: Reise Nov. Lep., pl. 111, f. 30 (1872).

Type. Australia, in coll. Rothschild.
a. Queensland.

1904. Pandesma fasciata.

Vapara fasciata. Moore: Descr. Ind. Lep. Atk., p. 163 (1882).
———— C. and S.: Cat. Moths of India, iii. 360. 2358 (1888).
Polydesma fasciata. Hampson: Faun. Brit. Ind. Moths, ii. p. 467 (1894).

Type. Darjiling, in coll. Staudinger.
a. Darjiling.

1905. Pandesma mundata.

Agrotis (?) *mundata.* Walker: xv. 1701 (1858).
Bamra mundata. Hampson: Ill. Typ. Lep. Het., B. M., ix. p. 108, pl. 163, f. 14; and pl. 176, f. 7 (larva) (1893).
Polydesma mundata. Hampson: Faun. Brit. Ind. Moths, ii. p. 465 (1894).
Bamra acronyctoides. Moore: Descr. Ind. Lep. Atk., p. 160 (1882).
———— Swinhoe: P. Z. S., Lond., 1885, p. 459; 1886, p. 448.
———— C. and S.: Cat. Moths of India, iii. 369. 2432 (1888).

Pandesma acronyctoides. Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 59.

Type. Without locality, in B. M.

Type (*acronyctoides*). Darjiling, in coll. Staudinger.

a. Indore (2) (Hearsay).

1906. Pandesma albicola.

Felinia albicola. Walker: xiv. 1515 (1858).
Bamra albicola. Moore: Descr. Ind. Lep. Atk., p. 159 (1882).
———— C. and S.: Cat. Moths of India, iii. 369. 2433 (1888).
Polydesma albicola. Hampson: Faun. Brit. Ind. Moths, ii. p. 466 (1894).
Pandesma albicola. Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 59.
Agriopis discalis. Moore: P. Z. S., Lond., 1867, p. 57, pl. 7, f. 2.
Bamra discalis. Moore: Descr. Ind. Lep. Atk., p. 159.
———— Cotes and Swinh.: l. c., 370. 2434.
———— Hmn.: Ill. Typ. Lep. Het., B. M., viii. 19. 511 (1891).
Bamra diplostigma. Hampson: l. c., ix. p. 109, pl. 163, f. 7 (1893).

Type (*discalis*). Bengal, in coll. Russell.

Type (*diplostigma*). Ceylon, in B. M.

a. India (type). b. India.

The type specimen is a male, not female as stated by Walker.

1907. Pandesma lepida.

Agriopis lepida. Moore: P. Z. S., Lond., 1867, p. 56.
Bamra lepida. C. and S.: Cat. Moths of India, iii. 370. 2435 (1888).
Pandesma sublimis. Felder: Reise Nov. Lep., pl. 111, f. 23 (1872).
———— Cotes and Swinhoe: l. c., 371. 2445.
———— Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 59.
Polydesma sublimis. Hampson: Faun. Brit. Ind. Moths, ii. p. 466 (1894).

Type. Bengal, in coll. Russell.

Type (*sublimis*). Himalayas, in coll. Rothschild.

a. India.

1908. Pandesma vetusta.

Polydesma vetusta. Walker: xxxiii. 875 (1865).
———— Hampson: Faun. Brit. Ind. Moths, ii. p. 467 (1894).
———— P. Z. S., Lond., 1896, p. 263.
Homoptera vetusta. Butler: P. Z. S., Lond., 1881, p. 618.
———— Swinhoe: P. Z. S., Lond., 1884, p. 520.
———— C. and S.: Cat. Moths of India, iii. 374. 2467 (1888).

Type. India, in B. M.

a. Indore (Hearsay).

1909. Pandesma vulgaris.

Polydesma vulgaris. Butler: Trans. Ent. Soc., Lond., 1886, p. 135.
———— Leech: Trans. Ent. Soc., Lond., 1889, p. 132.
———— P. Z. S., Lond., 1889, p. 490.

Type. Tokei, Japan, in B. M.

a. N. China.

GENUS **REMA**. nov.

Mid-legs of male with a tuft of long hair from the femora tibial joint. Corresponds with Hampson's sub-section I. a, b^1, of his genus *Polydesma* (*Moths*, ii. p. 468).

1910. Rema costimacula.

Toxocampa costimacula. Guen.: Noct., ii. 429. 1302 (1852).
———— Walker: xiii. 1031 (1857).
———— Moore: P. Z. S., Lond., 1867, p. 65.
———— C. and S.: Cat. Moths of India, iii. 351. 2293 (1888).
Polydesma costimacula. Hmn.: Faun. Brit. Ind. Moths, ii. p. 468 (1894).
Pandesma costimacula. Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 59.
Remigia triangulata. Walker: xxxiii. 1017 (1865).

Type (*triangulata*). N. India, in B. M.
a. India.

1911. Rema crinigera.

Remigia crinigera. Swinhoe: Ann. Mag. N. H. (6), xix. p. 168 (1897).

Type. Gilolo, in B. M.
a. Ké Island (Wallace). b. N. Guinea (Wallace).

GENUS **POLYDESMA**. Boisd.: Faun. Ent. Madag. Lep., p. 108 (1834).

1912. Polydesma umbricola.

Polydesma umbricola. Boisd.: l. c., pl. 13. f. 5.
———— Guen.: Noct., ii. 440. 1312 (1852).
———— Walker: xiii. 1041 (1857).
———— Butler: Entom., xxvi. p. 46 (1893).
———— Hampson: Faun. Brit. Ind. Moths, ii. p. 468 (1894).
———— Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 59.
Polydesma laudula. Guen.: l. c., 441. 1313.
———— Walker: xiii. 1041.
Polydesma boarmoides. Guen.: l. c., 1314.
———— Walker: xiii. 1042.
———— Moore: P. Z. S., Lond., 1867, p. 65; 1877, p. 606.
———— Swinhoe: P. Z. S., Lond., 1885, p. 459; 1886, p. 448.
———— Cotes and Swinh.: (part) Cat. Moths of India, iii. 371. 2446 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 238.
———— Hampson: Ill. Typ. Lep. Het., B. M., viii. 19. 515 (1891); and ix. 24. 572 (1893).
Anodapha boarmoides. Moore: Lep. Ceylon, iii. p. 92, pl. 156, f. 2 (1885).
Polydesma scriptilis. Guen.: l. c., 442. 1315.
———— Walker: xiii. 1042.
———— Moore: P. Z. S., Lond., 1867, p. 65.
———— Cotes and Swinh.: l. c., 372. 2449.
Polydesma mastrucata. Felder: Reise Nov. Lep., pl. 111, f. 31 (1872).

Type (*mastrucata*). Himalayas, in coll. Rothschild.
a. India. b. Indore (5) (Hearsay). c. Bombay. d. Singapore. e. Queensland.

1913. Polydesma otiosa.

Polydesma otiosa. Guen.: Noct., ii. 442. 1316 (1852).
———— Walker: xiii. 1042 (1857).
———— Moore: P. Z. S., Lond., 1867, p. 65.
———— C. and S.: Cat. Moths of India, iii. 372. 2448 (1888).
———— Butler: Entom., xxvi. p. 46 (1893).
———— Hampson: Faun. Brit. Ind. Moths, ii. p. 468 (1894).
Alamis brevipalpis. Walker: xiii. 1051.
Polydesma brevipalpis. Swinhoe: P.Z.S., Lond., 1885, p. 459; 1886, p. 448.

Type (*brevipalpis*). N. India, in B. M.
a. Indore (4) (Hearsay). b. Bombay.

GENUS **DIATENES.** Guen.: Noct., ii. p. 442 (1852).
Setida. Walker: xv. 1853 (1858).

1914. Diatenes aglossoides.

Diatenes aglossoides. Guen.: Noct., iii. 443. 1318.
———— Walker: xiii. 1043 (1857).
———— Butler: Entom., xxvi. p. 47 (1893).
Homoptera costalis. Walker: xiii. 1072.
Setida quadrisignata. Walker: xv. 1853 (1858).

Type (*costalis*). Without locality in B. M.
Type (*quadrisignata*). N. Australia, in B. M.
a. Van Diemen's Land. b. Australia. c. Queensland (2).

GENUS **NAHARRA.** Walker: xxxiii. 946 (1865).

1915. Naharra contracta. Pl. III. f. 16.

Naharra contracta. Walker: l. c.
a. Aru (type) (Wallace).

GENUS **ORTOPLA.** Walker: xvi. 156 (1858).
Koptoplax. Hampson: Ill. Typ. Lep. Het., B. M., viii. p. 126 (1891).

1916. Ortopla iarbasalis. Pl. III. f. 4.

Ortopla iarbasalis. Walker: xvi. 157.
a. Sarawak, Borneo (type) (Wallace).

GENUS **PANTYDIA.** Guen.: Noct., ii. p. 436 (1852).

1917. Pantydia diemeni.

Pantydia diemeni. Guen.: l. c., 437. 1309.
———— Walker: xiii. 1038 (1857).

a. Australia. b. Van Diemen's Land. c. Swan River.
d. Queensland (2). e. New South Wales.

1918. Pantydia sparsa.

Pantydia sparsa. Guen.: Noct., ii. 437. 1308 (1852).
———— Walker: xiii. 1038 (1857).
———— Butler: Entom., xxvii. p. 365 (1894).

Pantydia recondita. Walker: xiii. 1039.
Toxocampa orthosioides. Walker: xxxiii. 873 (1865).

Type (*recondita*). Adelaide, in B. M.
Type (*orthosioides*). N. Australia, in B. M.
a. New South Wales.

GENUS **FELINIA.** Guen.: Noct., iii. p. 322 (1852).
Briarda. Walker: xiii. 1097 (1857).

1919. Felinia spissa.

Felinia spissa. Guen.: l. c.
———— Walker: xiv. 1514 (1858).
———— Moore: P. Z. S., Lond., 1867, p. 77.
———— Lep. Ceylon, iii. p. 550, pl. 214, f. 4 (1887).
———— C. and S.: Cat. Moths of India, iii. 416. 2706 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 232.
———— Hampson: Ill. Typ. Lep. Het., B. M., viii. 18. 482 (1891); and ix. 22. 527 (1893).
———— Butler: Entom., xxvi. p. 45 (1893).
Polydesma spissa. Hampson: Faun. Brit. Ind. Moths, ii. p. 469 (1894).
Briarda decens. Walker: xiii. 1098 (1857).
———— Butler: Ill. Typ. Lep. Het., B. M., vi. p. 37, p. 110, f. 6 (1886).
———— Cotes and Swinh.: l. c., 357. 2339.

Type (*decens*). N. India, in B. M.
a. Silhet. b. Nilgiri Hills (3). c. Sarawak, Borneo (Wallace). d. Philippines.

1920. Felinia precedens.

Briarda precedens (♂). Walker: xiii. 1098 (1857).
———— Moore: Lep. Ceylon, iii. p. 98, pl. 156, f. 8 (1885).
———— Butler: Ill. Typ. Lep. Het., B. M., vi. p. 37, pl. 110, f. 7 (1886).
———— C. and S.: Cat. Moths of India, iii. 357. 2340 (1888).
Felinia precedens. Butler: Entom., xxvi. p. 45 (1893).
———— Hampson: Ill. Typ. Lep. Het., B. M., ix. 22. 528 (1893).
Briarda præcedens. Moore: P. Z. S., Lond., 1867, p. 66.
Polydesma præcedens. Hampson: Faun. Brit. Ind. Moths, ii. p. 469 (1894).
Briarda antecedens (♀). Walker: xiii. 1099.

Type. Ceylon, in B. M.
Type (*antecedens*). Sumatra, in B. M.
a. Mysol (Wallace).

1921. Felinia metaspila.

Toxocampa metaspila. Walker: xiii. 1032 (1857).
———— C. and S.: Cat. Moths of India, iii. 351. 2296 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 231.
———— Hmn.: Ill. Typ. Lep. Het., B. M., ix. 18. 392 (1893).
Ophiusa metaspila. Moore: Lep. Ceylon, iii. p. 89, pl. 154, f. 6 (1885).
Pantydia metaspila. Butler: Entom., xxvii. p. 265 (1894).
Polydesma metaspila. Hampson: Faun. Brit. Ind. Moths, ii. p. 469 (1894).
Ophiusa pallidilinea. Walker: xv. 1832 (1858).

Toxocampa moolla. Swinhoe: P. Z. S., Lond., 1885, p. 459, pl. 27, f. 10.
———— Cotes and Swinh.: l. c., 2297.
———— Hmn.: Ill. Typ. Lep. Het., B. M., viii. 17. 468 (1891).

Type. Ceylon, in B. M.
Type (*pallidilinea*), Ceylon, in B. M.
Type (*moolla*). Poona, in B. M.
a. Ceylon.

1922. Felinia nigripalpis. Pl. III. f. 12.
Toxocampa (?) *nigripalpis.* Walker: Journ. Linn. Soc., Lond., vii. p. 80 (1864).
———— xxxiii. 872 (1865).

a. Sarawak, Borneo (type) (Wallace).

GENUS **ERICEIA.** Walker: xiii. 1089 (1857).
Girpa. Walker: xv. 1849 (1858).

1923. Ericeia inangulata.
Hulodes inangulata. Guen.: Noct., iii. 210. 1612 (1852).
———— Walker: xiv. 1337 (1858).
———— Moore: P. Z. S., Lond., 1867, p. 73.
Girpa inangulata. Moore: Lep. Ceylon, iii. p. 94, pl. 156, f. 6. 6 *a* (1885).
———— Swinhoe: P. Z. S., Lond., 1885, p. 460.
———— C. and S.: Cat. Moths of India, iii. 375. 2472 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 238.
———— Hampson: Ill. Typ. Lep. Het., B.M., viii. 19. 521 (1891); and ix. 24. 577 (1893).
Ericeia inangulata. Butler: Entom., xxvi. p. 47 (1893).
———— Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 59.
Polydesma inangulata. Hmn.: (part) Faun. Brit. Ind. Moths, ii. p. 470 (1894).
Ericeia sobria. Walker: xiii. 1089 (1857).
Remigia optativa. Walker: xiv. 1510 (1858).
———— Butler: P. Z. S., Lond., 1880, p. 680.
Remigia congressa. Walker: xiv. 1510.
Remigia pertendens. Walker: xiv. 1512
Girpa pertendens. Moore: Lep. Ceylon, iii. p. 95, pl. 156, f. 3. 3 *a*.
———— Swinhoe: P. Z. S., Lond., 1885, p. 460.
———— Cotes and Swinh.: l. c., 2473.
———— Swinhoe: Trans. Ent. Soc. Lond., 1890, p. 238.
Remigia congregata. Walker: (part) xv. 1847.
———— Druce: P. Z. S., Lond., 1888, p. 225.
———— Cotes and Swinh.: (part) l. c., 415. 2700.
Remigia optatura. Walker: xv. 1848.
Remigia amanda. Walker: xv. 1848.
Girpa aliena. Walker: xv. 1849.
Remigia intracta. Walker: Journ. Linn. Soc., Lond., vii. p. 183 (1864).
———— xxxiii. 1008 (1865).
Remigia zeta. Walker: Journ. Linn. Soc., Lond., vii. p. 183.
———— xxxiii. 1008.
Remigia comitata, Walker: xxxiii. 1018.
Hulodes umbrosa. Walker: Char. Undescr. Het., p. 91 (1869).

Types (*sobria* and *aliena*). Moreton Bay, in B. M.
Type (*optativa*). N. India, in B. M.

Type (*congressa*). Natal, in B. M.
Types (*pertendens* and *optatura*). Ceylon, in B. M.
Type (*amanda*). Adelaide, in B. M.
Type (*comitata*). Shanghai, in B. M.
Type (*umbrosa*). Benares, in Devon and Exeter Mus.
a. Sarawak, Borneo (type *intracta*) (Wallace). b. Sarawak (type *zeta*) (Wallace). c. Indore (11) (Hearsay). d. Bombay (2).

1924. Ericeia fraterna.

Girpa fraterna. Moore: Lep. Ceylon, iii. p. 94, pl. 156, f. 5. 5 *a* (1885).
———— Swinhoe: P. Z. S., Lond., 1885, p. 460.
———— C. and S.: Cat. Moths of India, iii. 375. 2471 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 238.
Polydesma fraterna. Hmn.: Faun Brit. Ind. Moths, iv. App. p. 532 (1896).

Type. Ceylon, in B. M.
a. Nilgiri Hills. b. Thanna, Bombay.

1925. Ericeia eriophora.

Hulodes eriophora. Guen.: Noct., iii. 210. 1611 (1852).
———— Walker: xiv. 1336 (1858).
Girpa eriophora. Moore: Lep. Ceylon, iii. p. 95, pl. 156, f. 4 (1885).
———— C. and S.: Cat. Moths of India, iii. 375. 2470 (1888).
———— Hampson: Ill. Typ. Lep. Het., B.M., viii. 19. 510 (1891); and ix. 24. 576 (1893).
Ericeia eriophora. Butler: Entom., xxvi. p. 47 (1893).
———— Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 59.
Ophisma deficiens. Walker: xiv. 1383.
Cotuza deficiens. Moore: P. Z. S., Lond., 1867, p. 74, pl. 7, f. 1.
Remigia perfidiosa. Walker: xiv. 1511.
Hypopyra apicalis. Walker: Journ. Linn. Soc., Lond., vii. p. 178 (1864).
———— xxxiii. 949 (1865).

Type (*deficiens*). Ceylon, in B. M.
Type (*perfidiosa*). Silhet, in B. M.
a. Sarawak, Borneo (type *apicalis*) (Wallace). b. India.
c. Nilgiri Hills.

Genus **TALARIGA.** Walker: xv. 1634 (1858).
Belciana. Walker: Journ. Linn. Soc., Lond., vi. p. 182 (1862).
Beana. Walker: l. c., p. 183.
Nalca. Walker: xxxv. 1983 (1866).
Pitacota. Moore: Lep. Ceylon, iii. p. 46 (1884).

1926. Talariga capacior. Pl. iv. f. 4.

Talariga capacior. Walker: xv. 1634 (1858).
Polydesma capacior. Hampson: Faun. Brit. Ind. Moths, ii. p. 471 (1894).
Belciana capacior. Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 60.
a. Sarawak, Borneo (type) (Wallace).

1927. Talariga tetraspila.

Remigia tetraspila. Walker: xxxiii. 1018 (1865).
Toxocampa tetraspila. Moore: P. Z. S., Lond., 1867, p. 65.

Toxocampa tetraspila. C. and S.: Cat. Moths of India, iii. 352. 2302 (1888).
Polydesma tetraspila. Hampson: Faun. Brit. Ind. Moths, ii. p. 471 (1894).

Type. Darjiling, in B. M.
a. India. b. Sarawak, Borneo (Wallace).

1928. Talariga terminigera.

Felinia terminigera. Walker: xv. 1850 (1858).
——— Moore: P. Z. S., Lond., 1867, p. 77.
Pitacota terminigera. Moore: Lep. Ceylon, iii. p. 46, pl. 149, f. 7 (1884).
——— Swinhoe: P. Z. S., Lond., 1885, p. 454.
——— C. and S.: Cat. Moths of India, iii. 284. 1817 (1888).
——— Hmn.: Ill. Typ. Lep. Het., B. M., ix. 24. 570 (1893).
Polydesma terminigera. Hmn.: Faun. Brit. Ind. Moths, ii. p. 473 (1894).
Beana polychroma. Walker: Journ. Linn. Soc., Lond., vi. p. 183 (1862).
——— xxxii. 638 (1865).

Type. Kanara, in B. M.
a. Sarawak, Borneo (type *polychroma*) (Wallace). b. India.
c. Nilgiri Hills.

1929. Talariga biformis.

Dandaca biformis. Walker: xv. 1671 (1858).
Belciana biformis. Walker: Journ. Linn. Soc., Lond., vi. p. 182 (1862).
——— xxxii. 637 (1865).
——— Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 60.
Nalca biformis. Walker: xxxv. 1983 (1866).
Polydesma biformis. Hampson: Faun. Brit. Ind. Moths, ii. p. 471 (1894).
Pandesma hemodi. Felder: Reise Nov. Lep., pl. 111, f. 25 (1872).
——— C. and S.: Cat. Moths of India, iii. 370. 2442 (1888).
Polydesma hemodi. Hmn.: Ill. Typ. Lep. Het., B. M., viii. 19. 513 (1891).

Type. Sarawak, Borneo, in B. M.
Type (*hemodi*). Himalayas, in coll. Rothschild.
a. Sarawak (Wallace). b. Singapore.

GENUS **ALAMIS.** Guen.: Noct., iii. p. 3 (1852).

1930. Alamis umbrina.

Alamis umbrina. Guen.: Noct., iii. 4. 1321.
——— Walker: xiii. 1049 (1857).
——— Snellen: Tijd. voor Ent., xxiii. p. 81 (1880).
——— Moore: Journ. As. Soc., Beng., liii. (2), p. 236 (1884).
——— Butler: P. Z. S., Lond., 1886, p. 381.
——— C. and S.: Cat. Moths of India, iii. 373. 2455 (1888).
——— Hmn.: Ill. Typ. Lep. Het., B. M., viii. 19. 517 (1891).
——— Butler: Entom., xxvi. p. 48 (1893).
——— Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 60.
Homoptera umbrina. Hampson: Faun. Brit. Ind. Moths, ii. p. 474 (1894).
Alamis albicincta. Guen.: l. c., 1322.
——— Walker: xiii. 1049.
——— Moore: P. Z. S., Lond., 1867, p. 65.
——— Swinhoe: P. Z. S., Lond., 1885, p. 459.
Alamis hypophæa. Guen.: l. c., 1323.
——— Walker: xiii. 1049.

Alamis hypophæa. Cotes and Swinh.: l. c., 372. 2453.
———— Butler: Entom., xxvi., p. 121.
Alamis continua. Walker: xxxiii. 877 (1865).
———— Moore: P. Z. S., Lond., 1867, p. 65.
———— Swinhoe: P. Z. S., Lond., 1886, p. 448.
———— Cotes and Swinh.: l. c., 2451.
Homoptera continua. Forsayeth: Trans. Ent. Soc., Lond., 1884, p. 412, pl. 15, f. 9 (larva).
Homoptera detersa. Walker: xxxiii. 888.
———— Cotes and Swinh.: l. c., 373. 2461.
Homoptera plumipes. Walker: xxxiii. 888.
———— Cotes and Swinh.: l. c., 374. 2462.
Alamis yendola. Swinhoe: Trans. Ent. Soc., Lond., 1891, p. 150.

Types (*continua*, *detersa*, and *plumipes*). N. India, in B. M.
Type (*yendola*). Poona, in B. M.
a. India (6). b. Indore (16) (Hearsay). c. Darjiling.

Genus **DUGARIA.** Walker: xiii. 1075 (1857).

1931. Dugaria glaucinans.

Alamis glaucinans. Guen.: Noct., iii. 6. 1326 (1852).
———— Walker: xiii. 1050 (1857).
———— Moore: P. Z. S., Lond., 1867, p. 65.
———— C. and S.: Cat. Moths of India, iii. 372. 2452 (1888).
Dugaria glaucinans. Butler: Entom., xxvi. p. 48 (1893).
———— Hampson: Ill. Typ. Lep. Het., B. M., ix. p. 109, pl. 165, f. 1. 7. 15 (1893).
Homoptera glaucinans. Hmn.: Faun. Brit. Ind. Moths, ii. p. 475 (1894).
Alamis ligilla. Guen.: l. c., 1327.
———— Walker: xiii. 1050.
Alamis mendax. Walker: xiii. 1047.
Homoptera infligens. Walker: xiii. 1068.
———— Moore: P. Z. S., Lond., 1867, p. 65.
Alamis infligens. Swinhoe: P. Z. S., Lond., 1885, p. 460.
———— Cotes and Swinh.: l. c., 373. 2454.
———— Hmn.: Ill. Typ. Lep. Het., B. M., viii. 19. 516 (1891).
Homoptera solita. Walker: xiii. 1068.
———— Forsayeth: Trans. Ent. Soc., Lond., 1884, p. 411, pl. 14, f. 9 (larva).
———— Cotes and Swinh.: l. c., 374. 2466.
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 238.
———— Hampson: l. c., 518.
Dugaria cilipes. Walker: xiii. 1076.
Homoptera delineosa. Walker: xv. 1798 (1858).
Homoptera disjuncta. Walker: xxxiii. 885 (1865).
Homoptera antica. Walker: xxxiii. 887.
———— Cotes and Swinh.: l. c., 373. 2458.
Hypogramma validula. Walker: xxxiii. 893.
———— Cotes and Swinh.: l. c., 365. 2400.

Types (*mendax*, *delineosa*, and *disjuncta*). Natal, in B. M.
Type (*infligens*). N. India, in B. M.
Type (*solita*). Moulmein, in B. M.

Type (*cilipes*). Congo, in B. M.
Type (*antica*). S. India, in B. M.
Type (*validula*). Punjab, in B. M.
a. Indore (3) (Hearsay).

GENUS **VEIA**. Walker: Journ. Linn. Soc., Lond., vii. p. 160 (1864).

1932. Veia homopteroides. Pl. II. f. 25.

Veia homopteroides. Walker: l. c., p. 161.
———————— xxxiii. 891 (1865).

a. Sarawak, Borneo (type) (Wallace).

GENUS **HOMOPTERA**. Boisd.: Icon. Règ. Anim., p. 522 (1829).
Mœpa. Walker: xxxiii. 915 (1865).

1933. Homoptera duplicilinea. Pl. II. f. 17.

Hadena duplicilinea. Walker: Journ. Linn. Soc., Lond., vi. p. 191 (1862).
———————— xxxiii. 727 (1865).

a. Sarawak, Borneo (type) (Wallace).
Closely allied to *H. albidens*: Walker.

GENUS **PANILLA**. Moore: Lep. Ceylon, iii. p. 93 (1885).
Caduca. Moore: l. c., p. 96.

1934. Panilla albopunctata.

Homoptera albopunctata. Walker: xiii. 1068 (1857).
———————— C. and S.: Cat. Moths of India, iii. 373. 2457 (1888).
Panilla albopunctata. Hampson: Faun. Brit. Ind. Moths, ii. p. 477 (1894).
Alamis meleagris. Felder: Reise Nov. Lep., pl. III, f. 32 (1872).

Type. N. India, in B. M.
Type (*meleagris*). Ceylon, in coll. Rothschild.
a. Sarawak, Borneo (Wallace).

GENUS **GNAMPTONYX**. Hampson: Faun. Brit. Ind. Moths, ii. p. 480 (1894).

1935. Gnamptonyx vilis.

Homoptera vilis. Walker: xxxiii. 889 (1857).
———————— Butler: P. Z. S., Lond., 1886, p. 382.
———————— C. and S.: Cat. Moths of India, iii. 374. 2468 (1888).
Gnamptonyx vilis. Hampson: l. c.
———————— P. Z. S., Lond., 1896, p. 264.

Type. Punjab, in B. M.
a. India.

GENUS **ARTIGISA**. Walker: Journ. Linn. Soc., Lond., vii. p. 160 (1864).

1936. Artigisa nigrosignata.

Artigisa nigrosignata. Walker: l. c.
———— xxxiii. 891 (1865).
Homoptera catenata. Moore: Lep. Ceylon, iii. p. 550, pl. 214, f. 1 (1887).
———— C. and S.: Cat. Moths of India, iii. 373. 2459 (1888).
Polydesma catenata. Hampson: Faun. Brit. Ind. Moths, ii. p. 467 (1894).
Panilla apicalis. Butler: Ill. Typ. Lep. Het., B. M., vii. p. 74, pl. 132, f. 1 (1889).

Type (*catenata*). Ceylon, in B. M.
Type (*apicalis*). Dharmsala, in B. M.
a. Sarawak, Borneo (type) (Wallace).

SUB-FAMILY CATEPHIINÆ.

GENUS **CATEPHIA**. Ochs.: Eur. Schm., iv. p. 94 (1816).
Cædesa. Walker: Journ. Linn. Soc., Lond., vi. p. 193 (1862).

1937. Catephia linteola.

Catephia linteola. Guen.: Noct., iii. 44. 1375 (1852).
———— Walker: xiii. 1126 (1857).
———— Moore: P. Z. S., Lond., 1867, p. 66.
———— Lep. Ceylon, iii. p. 114, pl. 159, f. 1 (1885).
———— Swinhoe: P. Z. S., Lond., 1885, p. 461.
———— C. and Swinh.: Cat. Moths of India, iii. 358. 2347 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 233.
———— Hampson: Ill. Typ. Lep. Het., B. M., viii. 18. 485 (1891); ix. 22. 532 (1893).
———— Faun. Brit. Ind. Moths, ii. p. 482 (1894).

a. India (4). **b.** Darjiling. **c.** Nilgiri Hills. **d.** Ceylon.

GENUS **IDICARA**. Walker: Journ. Linn. Soc., Lond., vii. p. 172 (1864).

1938. Idicara olivacea.

Idicara olivacea. Walker: l. c.
———— xxxiii. 925 (1865).
Catephia thricophora. Hmn.: Faun. Brit. Ind. Moths, ii. p. 483 (1894).

Type (*thricophora*). Mergui, in coll. Druce.
a. Sarawak, Borneo (type) (Wallace).

GENUS **ÆDIA**. Hübn.: Verz., p. 260 (1816).
Anophia. Guen.: Ann. Soc. Ent. Fr., x. p. 81 (1841).

1939. Ædia acronyctoides.

Anophia acronyctoides. Guen.: Noct., iii. 47. 1378 (1852).
———— Walker: xiii. 1128 (1857).

Anophia acronyctoides. Moore: P. Z. S., Lond., 1867, p. 67.
——— Butler: P. Z. S., Lond., 1880, p. 679.
——— C. and S.: Cat. Moths of India, iii. 359. 2352 (1888).
Catephia acronyctoides. Hmn.: Faun. Brit. Ind. Moths, ii. p. 482 (1894).
Anophia olivescens. Guen.: Noct., iii. p. 48, pl. 14, f. 11.
——— Walker: xiii. 1128.
——— Moore: P. Z. S., Lond., 1877, p. 606.
——— Snellen: Tijd. voor Ent., xxviii. p. 41 (1885).
——— Moore: Lep. Ceylon, iii. p. 117 (1885); p. 551, pl. 159, f. 2 (1887).
——— Swinhoe: P. Z. S., Lond, 1885, p. 462.
——— Cotes and Swinh.: l. c., 2355.
——— Hampson: Ill. Typ. Lep. Het., B. M., viii. 18. 488 (1891); ix. 23. 534 (1893).
——— Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 60.
Anophia dicistriga. Walker: xiii. 1128.
Anophia limitaris. Walker: Journ. Linn. Soc., Lond., vii. p. 171 (1864).
——— xxxiii. 917 (1865).
Anoph a epundoides. Walker: xxxiii. 917 (nomen nudum).
——— Cotes and Swinh.: l. c., 2354.

Type (*dicistriga*). Natal, in B. M.
Type (*epundoides*). Kanara, in B. M.
a. Sarawak, Borneo (type *limitaris*) (Wallace). b. India (5).
c. Indore (Hearsay). d. Ké Island (Wallace). e. Amoy, China. f. Van Diemen's Land.

1940. Ædia agropoides. Pl. IV. f. 17.

Cædesa agropoides. Walker: Journ. Linn. Soc., Lond., vi. p. 193 (1862).
——— xxxiii. 745 (1865).

a. Sarawak, Borneo (type) (Wallace).
Closely allied to *Æ. diphteroides*, Moore.

1941. Ædia angulifera. Pl. II. f. 26.

Anophia angulifera. Walker: Journ. Linn. Soc., Lond., vii. p. 171 (1864).
——— xxxiii. 917 (1865).

a. Sarawak, Borneo (type) (Wallace).

1942. Ædia albistriga.

Steiria albistriga. Walker: Journ. Linn. Soc., Lond., vii. p. 174 (1864).
——— xxxiii. 922 (1865).

a. Sarawak, Borneo (type) (Wallace).

Genus MOSARA. Walker: v. 1032 (1855).

1943. Mosara apicalis.

Mosara apicalis. Walker: v. 1032.
——— Moore: Lep. Ceylon, iii. p. 119, pl. 159, f. 3. 3 *a* (1885).
——— C. and S.: Cat. Moths of India, iii. 359. 2351 (1888).
——— Hampson: Ill. Typ. Lep. Het., B. M., viii. 18. 487 (1891); ix. 22. 533 (1893).
——— Faun. Brit. Ind. Moths, ii. p. 485 (1894).
——— Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 60.

Plusia inaperta. Walker: Journ. Linn. Soc., Lond., vii. p. 71 (1864).
———— xxxiii. 835 (1865).
Anophia lateralis. Walker: xxxiii. 917.
Mosara lateralis. Swinhoe: P. Z. S., Lond., 1885, p. 461.
———— Trans. Ent. Soc., Lond., 1890, p. 233.
Type. N. India, in B. M.
Type (*lateralis*). Moulmein, in B. M.
a. Sarawak, Borneo (type *inaperta*) (Wallace).

Genus **COCYTODES.** Guen.: Noct., iii. p. 41 (1852).

1944. Cocytodes cærulea.

Cocytodes cærulea. Guen.: l. c., pl. 13, f. 10.
———— Moore: P. Z. S., Lond., 1867, p. 66.
———— Snellen: Tijd. voor Ent., xxiij. p. 85 (1880).
———— Haase: Iris, i. p. 324 (1888).
Arcte cærulea. Moore: Lep. Ceylon, iii. p. 112 (1885).
———— C. and S.: Cat. Moths of India, iii. 357. 2342 1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 233; 1895, p. 61.
———— Hampson: Ill. Typ. Lep. Het., B. M., viii. 18. 483 (1891); ix. p. 104, pl. 176, f. 5 (larva) (1893).
———— Faun. Brit. Ind. Moths, ii. p. 486 (1894).
a. India (4). b. Assam. c. Japan. d. Fiji (Wallace).
e. Timor (Wallace). f. Tondano (Wallace).

Genus **ARCTE.** Koll.: Hügel's Kasch., iv. p. 477 (1844).

1945. Arcte polygrapha.

Arcte polygrapha. Koll.: l. c., p. 478.
———— Hmn.: Faun. Brit. Ind. Moths, ii. p. 487 (1894).
Cocytodes polygrapha. Butler: Entom., xxv. p. 212 (1892).
Cocytodes cærulea. Walker (nec Guen.): xiii. 1123 (1857).
a. India (5).

1946. Arcte modesta.

Catocala modesta. Van der Hoev.: Lep. Nouv., pl. 7, f. 8 (1839).
———— Tijd. Nat. Gesch., vii. p. 282, pl. 7, f. 8 (1840).
Cocytodes modesta. Walker: xiii. 1123 (1857).
———— Moore: P. Z. S., Lond., 1867, p. 66.
———— Butler: Ann. Mag. N. H. (5), xii. p. 425 (1883).
———— Druce: P. Z. S., Lond., 1888, p. 223.
———— Leech: P. Z. S., Lond., 1889, p. 548.
———— Trans. Ent. Soc., Lond., 1889, p. 139.
———— Butler: Entom., xxv., p. 212 (1892).
Arcte modesta. Cotes and Swinh.: Cat. Moths of India, iii. 358. 2344 (1888).
———— Hampson: Ill. Typ. Lep. Het., B. M., ix. 22. 530 (1893).
———— Faun. Brit. Ind. Moths, ii. p. 487 (1894).
Cocytodes granulata. Guen.: Noct., iii. 42. 1371 (1852).
———— Walker: xiii. 1123.
Arcte granulata. Cotes and Swinh.: l. c., 357. 2343.
———— Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 61.

Cocytodes immodesta. Guen.: Noct., iii. 42. 1372.
Arcte senica. Felder: Reise Nov. Lep., pl. 113, f. 2 (1873).

Type (*senica*). Silhet, in coll. Rothschild.
a. India (2).

1947. Arcte nigrescens.

Arcte nigrescens. Butler: Ill. Typ. Lep. Het., B. M., vi. p. 38, pl. 110, f. 8 (1886).
———— C. and S.: Cat. Moths of India, iii. 358. 2345 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 61.
Arcte taprobana. Hmn.: (part) Faun. Brit. Ind. Moths, ii. p. 487 (1894).

Type. Darjiling, in B. M.
a. Khasia Hills (Hamilton).

Genus **CYCLODES.** Guen.: Noct., iii. p. 26 (1852).
Beregra. Walker: xiv. 1315 (1858).

1948. Cyclodes omma.

Noctua omma. Van der Hoev.: Lep. Nov., v. pl. 7, f. *a*, *b* (1839).
Erebus omma. Van der Hoev.: Tijd. Nat. Gesch., vii. p. 281, pl. 7, f. 7 *a*, *b* (1840).
Cyclodes omma. Guen.: Noct., iii. 27. 1353.
———— Walker: xiii. 1085 (1857).
———— Moore: Lep. Ceylon, iii. p. 152, pl. 160, f. 7 (1885).
———— C. and S.: Cat. Moths of India, iii. 394. 2573 (1888).
———— Hampson: Ill. Typ. Lep. Het., B. M., ix. 25. 606 (1893).
———— Faun. Brit. Ind. Moths, ii. p. 488 (1894).
———— Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 61.
Beregra replenens. Walker: xiv. 1315.
———— Moore: P. Z. S., Lond., 1867, p. 73.

Type (*replenens*). Ceylon, in B. M.
a. Nilgiri Hills (2).

Sub-Family OPHIUSINÆ.

Genus **SPHINGOMORPHA.** Guen.: Noct., iii. p. 220 (1852).

1949. Sphingomorpha chlorea.

Phalæna-Noctua chlorea. Cram.: Pap. Exot., ii. pl. 104, f. C (1779).
Sphingomorpha chlorea. Guen.: Noct., iii. 222. 1626.
———— Walker: xiv. 1345 (1858).
———— Moore: P. Z. S., Lond., 1867, p. 73.
———— Forsayeth: Trans. Ent. Soc., Lond., 1884, p. 414, pl. 15, f. 7. 7 *a* (larva).
———— Moore: Lep. Ceylon, iii. p. 157, pl. 167, f. 4 (1885).
———— Swinhoe: P. Z. S., Lond., 1885, p. 464; 1886, p. 450.
———— C. and S.: Cat. Moths of India, iii. 397. 2593 (1888).
———— Hampson: Ill. Typ. Lep. Het., B. M., viii. 20. 554 (1891); ix. 26. 613 (1893).

Sphingomorpha chlorea. Hmn.: Faun. Brit. Ind. Moths, ii. p. 490 (1894).
———— Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 61.
———— Hampson: P. Z. S., Lond., 1896, p. 264.
Sphingomorpha sipyla. Guen.: Noct., iii. p. 222, pl. 21, f. 4.

a. India. b. Indore (Hearsay). c. Silhet. d. Ceylon.

GENUS **LACERA.** Guen.: Noct., iii. p. 336 (1852).

1950. Lacera alope.

Phalæna-Noctua alope. Cram.: Pap. Exot., iii. pl. 286, f. E F (1782).
Lacera alope. Snellen: Tijd. voor Ent., xxiii. p. 108 (1880).
———— Moore: Lep. Ceylon, iii. p. 214, pl. 173, f. 1. 1 *a* (1885).
———— C. and S.: Cat. Moths of India, iii. 423. 2756 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 256; 1895, p. 61.
———— Hampson: Ill. Typ. Lep. Het., B. M., viii. 22. 610 (1891); ix. 28. 694 (1893).
———— Faun. Brit. Ind. Moths, ii. p. 491 (1894).
Lacera capella. Guen.: Noct., iii. p. 337, pl. 24, f. 13.
———— Walker: xv. 1537 (1858).
———— Moore: P. Z. S., Lond., 1867, p. 80.
———— Swinhoe: P. Z. S., Lond., 1885, p. 469.
Lacera procellosa. Butler: Ann. Mag. N. H. (5), iv. p. 368 (1879).
———— Leech: Trans. Ent. Soc., Lond., 1889, p. 136.
———— P. Z. S., Lond., 1889, p. 547.

Type (*procellosa*). Yokohama, in B. M.
a. India (3). b. Indore (4) (Hearsay). c. Ceram (Wallace).

GENUS **BRANA.** Walker: xiii. 1099 (1857).

1951. Brana calopasa.

Brana calopasa. Walker: xiii. 1100.
———— Moore: Lep. Ceylon, iii. p. 44, pl. 148, f. 6 (1884).
———— C. and S.: Cat. Moths of India, iii. 363. 2385 (1888).
———— Hmn.: Ill. Typ. Lep. Het., B. M., ix. 23. 547 (1893).
———— Faun Brit. Ind. Moths, ii. p. 492 (1894).

Type. Ceylon, in B. M.
a. Ceylon.

GENUS **CHRYSOPERA.** Hampson: Faun. Brit. Ind. Moths, ii. p. 493 (1894).

1952. Chrysopera combinans.

Achæa combinans. Walker: xiv. 1399 (1858).
———— Moore: Lep. Ceylon, iii. p. 165, pl. 169, f. 3 (1885).
———— Swinhoe: P. Z. S., Lond., 1885, p. 464.
———— C. and S.: Cat. Moths of India, iii. 402. 2623 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 244.
———— Hmn.: Ill. Typ. Lep. Het., B. M., viii. 20. 564 (1891).
Chrysopera combinans. Hmn.: Faun Brit. Ind. Moths, ii. p. 493 (1894).
———— Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 61.

Type. Ceylon, in B. M.
a. Calcutta.

GENUS **ACHÆA**. Hübn.: Verz., p. 269 (1816).

1953. Achæa melicerte.

Phalæna-Noctua melicerte. Drury: Ill. Exot. Ins., i. p. 46, pl. 23, f. 1 (1770).
——— Cram.: Pap. Exot., i. pl. 62, f. C D (1775); iv. pl. 323, f. C D (1782).
Achæa melicerte. Hübn.: Verz., 269. 2643.
——— Guen.: Noct., iii. 247. 1666 (1852).
——— Walker: xiv. 1396 (1858).
——— Semper: Verh. zool.-bot. Ges., xviii. p. 702, pl. 23, f. 5 (1867).
——— Moore: P. Z. S., Lond., 1867, p. 75; 1877, p. 609.
——— Butler: P. Z. S., Lond., 1880, p. 679; 1886, p. 382.
——— Forsayeth: Trans. Ent. Soc., Lond., 1884, p. 415 (larva).
——— Swinhoe: P. Z. S., Lond., 1884, p. 521; 1885, p. 465; 1886, p. 450.
——— Moore: Lep. Ceylon, iii. p. 163, pl. 168, f. 2. 2*a*, 2*b* (larva) (1885).
——— Meyrick: Trans. N. Zeal. Inst., xix. p. 37 (1887).
——— Druce: P. Z. S., Lond., 1888, p. 225.
——— C. and S.: Cat. Moths of India, iii. 402. 2624 (1888).
——— Wood-Mason: Journ. Ag. Soc., Ind., viii. p. 83 (1888).
——— Meyrick: Trans. Ent. Soc., Lond., 1889, p. 474.
——— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 244.
——— Hampson: Ill. Typ. Lep. Het., B. M., viii. 21. 565 (1891); ix. 26. 625 (1893).
——— Butler: Entom., xxvii. p. 49 (1894).
——— Froggatt: Agric. Gaz. N. S. W., 1897, p. 718.
Ophiusa melicerte. Hampson: Faun. Brit. Ind. Moths, ii. p. 494 (1894).
——— Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 62.
——— Hampson: P. Z. S., Lond., 1896, p. 264.
Noctua tigrina. Fabr.: Spec. Ins., 218. 52 (1781).
——— Ent. Syst., iii. 402. 105 (1794).
Achæa catilla. Guen.: Noct., iii. 247. 1667.
——— Walker: xiv. 1391.
——— Butler: P. Z. S., Lond., 1884. p. 498.

a. Indore (12) (Hearsay). b. Silhet. c. Siam (Mouhot). d. Ceylon (3). e. Poona. f. Nilgiri Hills. g. Bouru (Wallace). h. Queensland. i. Moreton Bay.

1954. Achæa serva.

Noctua serva. Fabr.: Syst. Ent., 593. 13 (1775).
Achæa serva. Moore: Lep. Ceylon, iii. p. 164, pl. 169, f. 4. 4*a* (1885).
——— C. and S.: Cat. Moths of India, iii. 403. 2628 (1888).
——— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 245; 1895, p. 62.
——— Hampson: Ill. Typ. Lep. Het., B. M., ix. 26. 628 (1893).
Ophiusa serva. Hampson: Faun. Brit. Ind. Moths, ii. p. 495 (1894).
Noctua vulpina. Fabr.: Ent. Syst., iii. (2) 39. 102 (1794).
Noctua mercatoria. Fabr.: l. c., 62. 175.
Achæa mercatoria. Guen.: Noct., iii. 246. 1665 (1852).
——— Walker: xiv. 1396 (1858).
——— Moore: P. Z. S., Lond., 1867, p. 75.

Achæa mercatoria. Swinhoe: P. Z. S., Lond., 1885, p. 464.
———— Butler: Entom., xxvii. p. 49 (1894).
Phalæna-Noctua melicerte. Cram. (nec Drury): Pap. Exot., iv. pl. 323, f. E (1780).
Achæa ino. Hübn.: Verz., 269. 2644 (1818).

a. India (5). b. Indore (4) (Hearsay). c. Bombay.

1955. Achæa fasciculipes.

Achæa fasciculipes. Walker: xiv. 1400 (1858).
———— Druce: P. Z. S., Lond., 1888, p. 224.
———— Butler: P. Z. S., Lond., 1892, p. 128.

Type. Celebes, in B. M.

a. New Caledonia. b. China (2). c. Queensland.
d. Richmond River.

1956. Achæa mezentia.

Phalæna-Noctua mezentia. Cram.: Pap. Exot., iv. pl. 323, f. F (1780).
Achæa mezentia. Hübn.: Verz., 269. 2645 (1816).
———— Guen.: Noct., iii. 248. 1668 (1852).
———— Walker: xiv. 1397 (1858).
———— Moore: Lep. Ceylon, iii. p. 165, pl. 169, f. 1 (1885).
———— C. and S.: Cat. Moths of India, iii. 402. 2625 (1888).
———— Hampson: Ill. Typ. Lep. Het., B. M., ix. 26. 625 (1893).
Ophisma mezentia. Butler: Entom., xxvii. p. 48 (1894).
Ophiusa mezentia. Hampson: Faun. Brit. Ind. Moths, ii. p. 494 (1894).
Noctua mezenteria. Fabr.: Ent. Syst., iii. (2) p. 41 (1794).
Achæa reversa. Walker: xiv. 1399.
———— Moore: l. c., f. 2. 2 *a*.
———— Cotes and Swinhoe: l. c., 403. 2627.
Sypna lugens. Walker: xxxiii. 938 (1865).

Types (*reversa* and *lugens*). Ceylon, in B. M.

a. Ceylon (2).

1957. Achæa simplex.

Achæa simplex. Walker: xxxiii. 960 (1865).

a. Morty (type) (Wallace).

Genus **PINDARA.** Moore: Lep. Ceylon, iii. p. 169 (1885).

1958. Pindara illibata.

Noctua illibata. Fabr.: Syst. Ent., 592. 8 (1775).
Pindara illibata. Moore: Lep. Ceylon, iii. p. 170.

Pindara illibata. C. and S.: Cat. Moths of India, iii. 402. 2622 (1888).
——— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 244.
——— Butler: P. Z. S., Lond., 1892, p. 128.
——— Hmn.: Ill. Typ. Lep. Het., B. M., ix. 26. 623 (1893).
Naxia illibata. Butler: Entom., xxvii. p. 49 (1894).
Ophiusa illibata. Hmn.: (part) Faun. Brit. Ind. Moths, ii. p. 495 (1894).
——— Swinhoe: l. c., 1895, p. 62.
Hemeroblemma peropaca. Hübn.: Zutr., iii. p. 33, f. 541. 542 (1825).
——— Walker: xiv. 1242 (1858).
——— Moore: P. Z. S., Lond., 1867, p. 75.
Ophisma lætabilis. Guen.: Noct., iii. 241. 1657 (1852).
——— Walker: xiv. 1380.
——— Swinhoe: P. Z. S., Lond., 1885, p. 466.
——— Druce: P. Z. S., Lond., 1888, p. 224.

a. India (4). b. Darjiling. c. Menado, Celebes (Wallace).

1959. Pindara contenta.

Ophisma contenta. Walker: xiv. 1381 (1858).
——— C. and S.: Cat. Moths of India, iii. 400. 2614 (1888).
——— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 244.
Ophisma siamica. Walker: xxxiii. 957 (1865).
Naxia certior. Butler: (part) Entom., xxvii. p. 48 (1894).
Ophiusa illibata. Hampson: (part) Faun. Brit. Ind. Moths, ii. p. 495 (1894).

Type. Moulmein, in B. M.
a. Siam (type *siamica*) (Mouhot).

Genus **OPHIUSA.** Ochs.: Eur. Schm., iv. p. 93 (1816).
Dysgonia. Hübn.: Verz., p. 269 (1816).
Caranilla. Moore: Lep. Ceylon, iii. p. 169 (1885).

1960. Ophiusa albivitta.

Ophiusa albivitta. Guen.: Noct., iii. 271. 1707 (1852).
——— Walker: xiv. 1430 (1858).
——— Moore: P. Z. S., Lond., 1867, p. 76.
——— Swinhoe: P. Z. S., Lond., 1884, p. 521; 1885, p. 466.
——— Butler: P. Z. S., Lond., 1886, p. 382.
——— C. and S.: Cat. Moths of India, iii. 408. 2659 (1888).
——— Hampson: Ill. Typ. Lep. Het., B. M., viii. 21. 578 (1891).
——— Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 63.
Dysgonia albivitta. Moore: Lep. Ceylon, iii. p. 178, pl. 171, f. 4.
——— Hampson: l. c., ix. 27. 650 (1893).
Ophiusa achatina. Moore (nec Sulzer): P. Z. S., Lond., 1867, p. 76.
——— Butler: P. Z. S., Lond., 1883, p. 165.
——— Cotes and Swinhoe: l. c., 2658.
Ophiusa algira. Hampson: (part) Faun. Brit. Ind. Moths, ii. p. 500 (1894).

a. India. b. Indore (10) (Hearsay). c. Nilgiri Hills.
d. Ceylon.

1961. Ophiusa stuposa.

Noctua stuposa. Fabr.: Ent. Syst., iii. (2) 42. 112 (1794).
Ophiusa stuposa. Guen.: Noct., iii. 271. 1706 (1852).

Ophiusa stuposa. Walker: xiv. 1429 (1858).
———— Moore: P. Z. S., Lond., 1867, p. 76.
———— Swinhoe: P. Z. S., Lond., 1885, p. 467.
———— C. and S.: Cat. Moths of India, iii. 410. 2675 (1888).
———— Hampson: Ill. Typ. Lep. Het., B. M., viii. 21. 579 (1891).
Dysgonia stuposa. Moore: Lep. Ceylon, iii. p. 176, pl. 171, f. 7 (1885).
———— Hampson: l. c., ix. 27. 657 (1893).
Phalæna-Noctua acatina. Cram. (nec Sulzer): Pap. Exot., iii. pl. 273, f. E (1782).
Ophiusa festinata. Walker: xiv. 1432.
Ophiusa algira. Leech (nec Linn.): Trans. Ent. Soc., Lond., 1889, p. 139.

Type (*festinata*). Ceylon, in B. M.
a. India (2). b. Indore (2) (Hearsay). c. Poona.
d. Siam (Mouhot).

1962. Ophiusa arctotænia.

Ophiusa arctotænia. Guen.: Noct., iii. 272. 1711 (1852).
———— Walker: xiv. 1431 (1858).
———— Moore: P. Z. S., Lond., 1867, p. 76.
———— Semper: Verh. zool.-bot. Ges., xviii. p. 702 (1867).
———— Butler: P. Z. S., Lond., 1883, p. 165.
———— Swinhoe: P. Z. S., Lond., 1886, p. 450.
———— Druce: P. Z. S., Lond., 1888, p. 225.
———— C. and S.: Cat. Moths of India, iii. 408. 2662 (1888).
———— Leech: P. Z. S., Lond., 1889, p. 546.
———— Trans. Ent. Soc., Lond., 1889, p. 139.
———— Hmn.: Ill. Typ. Lep. Het., B. M., viii. 21. 586 (1891).
———— Faun. Brit. Ind. Moths, ii. p. 501 (1894).
———— Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 63.

a. India (3). b. Indore (6) (Hearsay). c. Silhet (2).

1963. Ophiusa analis.

Ophiusa analis. Guen.: Noct., iii. 271. 1708 (1852).
———— Walker: xiv. 1430 (1858).
———— C. and S.: Cat. Moths of India, iii. 408. 2661 (1888).
———— Hampson: Ill. Typ. Lep. Het., B. M., viii. 21. 580 (1891).
———— Faun. Brit. Ind. Moths, ii. p. 501 (1894).
———— Swinhoe: Trans. Ent. Soc. Lond., 1895, p. 63.

a. Nilgiri Hills.

1964. Ophiusa triangulata.

Ophiusa triangulata. Swinhoe: P. Z. S., Lond., 1889, p. 414, pl. 43, f. 5.
Ophiusa mirabilis. Hmn.: (part) Faun. Brit. Ind. Moths, ii. p. 501 (1894).

Type. Karachi, in B. M.
a. Indore (Hearsay).

1965. Ophiusa conficiens.

Ophiusa conficiens. Walker: xiv. 1432 (1858).
———— Swinhoe: P. Z. S., Lond., 1885, p. 466.
———— Butler: Ill. Typ. Lep. Het., B. M., vi. p. 45, pl. 112, f. 5 (1886).
———— C. and S.: Cat. Moths of India, iii. 409. 2665 (1888).

Ophiusa conficiens. Hampson: Faun. Brit. Ind. Moths, ii. p. 501 (1894).
——————— Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 63.

Type. N. India, in B. M.
a. India (3). b. Indore (2) (Hearsay).

1966. Ophiusa crameri.

Dysgonia crameri. Moore: Lep. Ceylon, iii. p. 177, pl. 171, f. 2 (1885).
——————— Journ. As. Soc. Beng., lv. (2) p. 101 (1886).
——————— Hmn.: Ill. Typ. Lep. Het., B. M., ix. 27. 653 (1893).
Ophiusa crameri. Swinhoe: P. Z. S., Lond., 1885, p. 466.
——————— C. and S.: Cat. Moths of India, iii. 409. 2666 (1888).
——————— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 247; 1895, p. 63.
——————— Hampson: l. c., viii. 21. 582 (1891).
——————— (part) Faun. Brit. Ind. Moths, ii. p. 501 (1894).
Phalæna-Noctua achatina. Cram. (nec Sulzer): Pap. Exot., iii. pl. 281, f. A (1782).
Ophiusa achatina. Guen.: Noct., iii. 272. 1709 (1852).
——————— Walker: xiv. 1430 (1858).

a. India (5).

1967. Ophiusa albocincta.

Ophisma albocincta. Walker: xxxiii. 958 (1865).

a. Makian, Celebes (type) (Wallace).

1968. Ophiusa fulvotænia.

Ophiusa fulvotænia. Guen.: Noct., iii. 272. 1710 (1852).
——————— Walker: xiv. 1431 (1858).
——————— Moore: P. Z. S., Lond., 1867, p. 76.
——————— Butler: P. Z. S., Lond., 1877, p. 816.
——————— Haase: Iris, i. p. 175 (1887).
——————— C. and S.: Cat. Moths of India, iii. 409. 2669 (1888).
——————— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 247; 1895, p. 63.
——————— Hampson: Faun. Brit. Ind. Moths, ii. p. 504 (1894).
Dysgonia fulvotænia. Moore: Lep. Ceylon, iii. p. 177, pl. 171, f. 1 (1885).
——————— Butler: P. Z. S., Lond., 1892, p. 128.
——————— Hmn.: Ill. Typ. Lep. Het., B. M., ix. 27. 654 (1893).

a. India (3). b. Assam. c. Silhet. d. Singapore (3). e. Malacca. f. Sumatra (Wallace). g. Sarawak, Borneo (Wallace).

1969. Ophiusa onelia.

Naxia onelia. Guen.: Noct., iii. 258. 1679 (1852).
———— Walker: xiv. 1405 (1858).
———— Moore: P. Z. S., Lond., 1867, p. 75.
Caranilla onelia. Moore: Lep. Ceylon, iii. p. 169, pl. 170, f. 1, 1 *b* (1885).
———— C. and S.: Cat. Moths of India, iii. 405. 2637 (1888).
———— Swinhoe: Trans. Ent. Soc. Lond., 1890, p. 245.
———— Hampson: Ill. Typ. Lep. Het., B. M., viii. 21. 568 (1891); ix. 26. 634 (1893).
Ophiusa onelia. Hampson: Faun. Brit. Ind. Moths, ii. p. 502 (1894).
———— Swinhoe: Trans. Ent. Soc. Lond., 1895, p. 63.
Naxia lageos. Guen.: Noct., iii. 256. 1680.
———— Walker: xiv. 1407.
———— Butler: Entom., xxvii. p. 49 (1894).
Ophiusa (?) *luteipalpis.* Walker: xxxiii. 968 (1865).
———— Cotes and Swinhoe: l. c., 410. 2671.
Dysgonia luteipalpis. Moore: Lep. Ceylon, iii. p. 178.
Ophiusa umbrosa. Walker: xxxiii. 968.
Ophiusa obumbrata. Walker: xxxiii. 969.

Type (*luteipalpis*). Ceylon, in B. M.
Type (*umbrosa*). Shanghai, in B. M.
Type (*obumbrata*). S. India, in B. M.

a. India (3). b. Silhet. c. Amoy, China. d. Sumatra (Wallace). e. N. Guinea (Wallace).

1970. Ophiusa joviana.

Phalæna-Noctua joviana. Cram.: Pap. Exot., iv. pl. 399, f. B (1782).
Noctua joviana. Fabr.: Ent. Syst., iii. (2) 42. 111 (1794).
Ophiusa joviana. Moore: P. Z. S., Lond., 1867, p. 76.
———— Swinhoe: P. Z. S., Lond., 1885, p. 467.
———— C. and S.: Cat. Moths of India, iii. 409. 2670 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 248; (1895) p. 63.
———— Hampson: Ill. Typ. Lep. Het., B. M., viii. 21. 584 (1891).
———— Faun. Brit. Ind. Moths, ii. p. 499 (1894).
Dysgonia joviana. Moore: Lep. Ceylon, iii. p. 175, pl. 170, f. 9. 9 *a* (1885).
———— Hampson: Ill. Typ. Lep. Het., B. M., ix. 27. 655 (1893).
Dysgonia jovis. Hübn.: Verz., 269. 2640 (1816).
Noctua sinuata. Fabr.: Mant. Ins., ii. 145. 83 (1787).
Ophiusa myops. Guen.: Noct., iii. 265. 1693 (1852).
———— Walker: xiv. 1428 (1858).
———— Moore: P. Z. S., Lond., 1867, p. 76.
———— Druce: P. Z. S., Lond., 1888, p. 225.
Ophiusa hypenoides. Walker: M. S.

a. India. b. Indore (2) (Hearsay). c. Sumatra (Wallace).

1971. Ophiusa arcuata.

Ophiusa arcuata. Moore: P. Z. S., Lond., 1877, p. 609.
———— Butler: P. Z. S., Lond., 1880, p. 679.
———— Snellen: Tijd. voor Ent., xxiv. p. 67 (1881).
———— Swinhoe: P. Z. S., Lond., 1885, p. 467.
———— C. and S.: Cat. Moths of India, iii. 408. 2663 (1888).

Ophiusa arcuata. Leech: P. Z. S., Lond., 1889, p. 547.
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 247; 1895, p. 62.
———— Hmn.: Ill. Typ. Lep. Het., B. M., viii. 21. 583 (1891).
———— Faun. Brit. Ind. Moths, ii. p. 499 (1894).
Dysgonia arcuata. Moore: Lep. Ceylon, iii. p. 176, pl. 171, f. 3 (1885).
———— Hmn.: Ill. Typ. Lep. Het., B. M., ix. 27. 652 (1893).
Ophiusa joviana. Guen. (nec Cram.): Noct., iii. 269. 1702 (1852).
———— Walker: xiv. 1429 (1858).
Ophiusa guenei. Snellen: Tijd. voor Ent., xxiii. p. 103 (1880).
Ophiusa algira var. curvata. Leech: P. Z. S., Lond., 1889, p. 546, pl. 53, f. 8.

Type. S. Andamans, in B. M.
a. India. b. Indore (2) (Hearsay). c. Silhet. d. Sarawak, Borneo (Wallace). e. Mysol (Wallace). f. Sumatra (Wallace).

1972. Ophiusa simillima.

Ophiusa simillima. Guen.: Noct., iii. 266. 1695 (1852).
———— Walker: xiv. 1428 (1858).
———— Moore: P. Z. S., Lond., 1867, p. 76.
———— Butler: P. Z. S., Lond., 1880, p. 679.
———— C. and S.: Cat. Moths of India, iii. 410. 2674 (1888).
———— Hampson: Faun. Brit. Ind. Moths, ii. p. 500 (1894).
Dysgonia simillima. Moore: Lep. Ceylon, iii. p. 178, pl. 170, f. 8 (1885).
———— Hmn.: Ill. Typ. Lep. Het., B. M., ix. 27. 656 (1893).

a. Indore (2) (Hearsay). b. Silhet (2).

1973. Ophiusa dulcis.

Ophiusa dulcis. Butler: Ann. Mag. N. H. (5), i. p. 293 (1878).
———— Ill. Typ. Lep. Het., B. M., ii. p. 42, pl. 34, f. 5 (1878).
———— Leech: P. Z. S., Lond., 1889, p. 547.

Type. Yokohama, in B. M.
a. N. China.

1974. Ophiusa circumsignata.

Naxia circumsignata. Guen.: Noct., iii. 255. 1678 (1852).
———— Walker: xiv. 1405 (1858).
———— Moore: P. Z. S., Lond., 1867, p. 75.
Ophiusa circumsignata. Hmn.: Faun. Brit. Ind. Moths, ii. p. 495 (1894).

a. Silhet.

1975. Ophiusa amygdalis.

Dysgonia amygdalis. Moore: Lep. Ceylon, iii. p. 551, pl. 214, f. 3 (1887).
———— Hmn.: Ill. Typ. Lep. Het., B. M., ix. 27. 651 (1893).
Ophiusa amygdalis. C. and S.: Cat. Moths of India, iii. 408. 2660 (1888).
———— Hampson: l. c., viii. 21. 585 (1891).
———— Faun. Brit. Ind. Moths, ii. p. 502 (1894).
———— Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 63.

Type. Ceylon, in B. M.
a. India.

1976. Ophiusa maturescens.

Ophisma maturescens. Walker : xiv. 1382 (1858).
———— Moore : P. Z. S., Lond., 1867, p. 74.
———— C. and S. : Cat. Moths of India, iii. 401. 2618 (1888).
Ophiusa maturescens. Hmn. : Faun. Brit. Ind. Moths, ii. p. 499 (1894).
———— Swinhoe : Trans. Ent. Soc., Lond., 1895, p. 63.

Type. Silhet, in B. M.
a. Khasia Hills (3) (Hamilton).

1977. Ophiusa maturata.

Ophisma maturata. Walker : xiv. 1382 (1858).
———— C. and S. : Cat. Moths of India, iii. 401. 2617 (1888).
———— Hmn. : Ill. Typ. Lep. Het., B. M., viii. 20. 563 (1891).
Ophiusa maturata. Hampson : Faun. Brit. Ind. Moths, ii. p. 499 (1894).
Ophiusa falcata. Moore : Descr. Ind. Lep. Atk., p. 171, pl. 6, f. 14 (1882).
———— Cotes and Swinh. : l. c., 409. 2668.
———— Leech : Trans. Ent. Soc., Lond., 1889, p. 139.

Type. Penang, in B. M.
Type (*falcata*). Khasia Hills, in coll. Staudinger.
a. N. China.

1978. Ophiusa redunca. nov.

♂ Head, thorax, and fore-wings pinkish brown ; thorax with a pale transverse line in front, another across the centre and a third across the base ; fore-wing highly arched at one-third from base, transverse lines brown with pale edges, 1st sub-basal short, 2nd at one-third bent inwards above the middle, 3rd discal angled outwards below the costa then inwardly curved, a white dot at end of cell, a straight central space and the outer marginal space paler than the rest of the wing, a short black apical streak, a ductated indistinct pale sub-marginal line, and marginal black points. Hind-wings blackish grey the outer portion blackish, an indistinct paler band in the centre, a pale short streak from the anal angle, marginal border narrowly grey, cilia grey, an anticiliar double line.

Expanse of wings $2\frac{8}{10}$ inches.
a. Brisbane (type).

GENUS **OPHISMA**. Guen. : Noct., iii. p. 236 (1852).
Naxia. Guen. : l. c., p. 254.

1979. Ophisma gravata.

Ophisma gravata. Guen. : l. c., 237. 1648.
———— Walker : xiv. 1379 (1858).
———— Moore : P. Z. S., Lond., 1867, p. 74.
———— C. and S. : Cat. Moths of India, iii. 401. 2616 (1888).

Ophisma gravata. Leech: Trans. Ent. Soc., Lond., 1889, p. 140.
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 244.
———— Hmn.: Ill. Typ. Lep. Het., B. M., ix. 26. 622 (1893).
Ophiusa gravata. Hampson: Faun. Brit. Ind. Moths, ii. p. 494 (1894).
———— Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 62.

a. India (2). b. Silhet. c. N. Australia.

1980. Ophisma rigidistria.

Ophisma rigidistria. Guen.: Noct., iii. 240. 1655 (1852).
———— Walker: xiv. 1380 (1858).
———— C. and S.: Cat. Moths of India, iii. 401. 2619 (1888).
Grammodes rigidistria. Meyrick: Trans. Ent. Soc., Lond., 1889, p. 475.
Ophiusa rigidistria. Hmn.: Faun. Brit. Ind. Moths, ii. p. 496 (1894).
———— Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 62.
Naxia calefaciens. Walker: xiv. 1405.
———— Moore: P. Z. S., Lond., 1867, p. 75.
———— Lep. Ceylon, iii. p. 168, pl. 168, f. 3 (1885).
———— Cotes and Swinh.: l. c., 404. 2633.
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 245.
Dysgonia calefaciens. Hmn.: Ill. Typ. Lep. Het., B. M., ix. 27. 659 (1893).
Ophisma correctata. Walker: xxxiii. 957 (1865).

Type (*calefaciens*). Silhet, in B. M.
a. Mysol (type *correctata*) (Wallace).

Genus **THYAS.** Hübn.: Samml. Exot. Schmett., ii. p. 4 (1806–24).

1981. Thyas honesta.

Thyas honesta. Hübn.: l. c., f. 1, 2.
———— Butler: P. Z. S., Lond., 1883, p. 370.
———— Moore: Lep. Ceylon, iii. p. 158, pl. 165, f. 2 (1885).
———— C. and S.: Cat. Moths of India, iii. 398. 2598 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 244.
———— Hmn.: Ill. Typ. Lep. Het., B. M., ix. 26. 615 (1893).
Lagoptera honesta. Guen.: Noct., iii. 224. 1629 (1852).
———— Walker: xiv. 1351 (1858).
———— Moore: P. Z. S., Lond., 1867, p. 74; 1877, p. 609.
———— Haase: Iris, i. p. 174 (1887).
———— Butler: P. Z. S., Lond., 1892, p. 128.
Ophiusa honesta. Hmn.: Faun. Brit. Ind. Moths, ii. p. 504 (1894).
———— Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 64.

a. India (2). b. Indore (Hearsay). c. Silhet (2).
d. Nilgiri Hills.

1982. Thyas miniacea.

Lagoptera miniacea. Felder: Reise Nov. Lep., pl. 116, f. 8 (1873).
———— Druce: P. Z. S., Lond., 1888, p. 224.

Type. Fiji, in coll. Rothschild.
a. Fiji (2).

1983. Thyas coronata.

Noctua coronata. Fabr.: Syst. Ent., 596. 24 (1775).
Lagoptera coronata. Moore: P. Z. S., Lond., 1877, p. 609.

Thyas coronata. Moore: Lep. Ceylon, iii. p. 158, pl. 167, f. 1; pl. 166, f. 5 (1885).
———— C. and Swinh.: Cat. Moths of India, iii. 397. 2595 (1888).
———— Hampson: Ill. Typ. Lep. Het., B. M., viii. 20. 558 (1891); ix. 26. 614 (1893).
Ophiusa coronata. Hampson: Faun. Brit. Ind. Moths, ii. p. 502 (1894).
———— Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 64.
Noctua leonina. Fabr.: Syst. Ent., 596. 25.
Noctua ancilla. Fabr.: Ent. Syst., iii. (2) 17. 29 (1794).
Achæa ancilla. Meyrick: Trans. Ent. Soc., Lond., 1889, p. 474.
Corycia magica. Hübn.: Zutr., iii. 32. 268, f. 535. 536 (1825).
Ophiusa magica. Boisd.: Faun. Ent. Madag. Lep., 100 and 101 (1834).
Lagoptera magica. Guen.: Noct., iii. 225. 1630 (1852).
———— Walker: xiv. 1352 (1858).
———— Moore: P. Z. S., Lond., 1867, p. 74.
———— Swinhoe: P. Z. S., Lond., 1884, p. 520; 1885, p. 464.
———— Druce: P. Z. S., Lond., 1888, p. 224.
———— Butler: P. Z. S., Lond., 1892, p. 128.

a. India (7). b. Indore (3) (Hearsay). c. Nilgiri Hills. d. Singapore. e. Ceram (Wallace).

1984. Thyas separans.

Ophiodes separans. Walker: xiv. 1357 (1858).
———— Moore: P. Z. S., Lond., 1867, p. 74.
———— Semper: Verh. zool.-bot. Ges., xviii. p. 702, pl. 23, f. 6 (1867).
———— Forsayeth: Trans. Ent. Soc., Lond., 1884, p. 415 (larva).
———— Swinhoe: P. Z. S., Lond., 1884, p. 521; 1885, p. 464.
Minucia separans. C. and S.: Cat. Moths of India, iii. 399. 2608 (1888).
Ophiusa separans. Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 64.
Ophiodes tirrhæa (*var.* A). Guen.: Noct., iii. p. 229 (1852).
———— Butler: (part) Entom., xxvii. p. 193 (1894).
———— Leech: (part) Trans. Ent. Soc., Lond., 1889, p. 140.
Minucia tirrhæa. Hampson: (part) Ill. Typ. Lep. Het., B. M., viii. 20. 559 (1891); ix. 26. 621 (1893).
Ophiusa tirrhaca. Hmn.: (part) Faun. Brit. Ind. Moths, ii. p. 503 (1894).

Type. N. India, in B. M.

a. India (9). b. Indore (2) (Hearsay). c. Ceram (Wallace).

1985. Thyas disjungens.

Ophiodes disjungens. Walker: xiv. 1360 (1858).
———— Butler: P. Z. S., Lond., 1892, p. 128.
Pseudophia disjungens. Meyrick: Trans. Ent. Soc., Lond., 1889, p. 474.

Type. Moreton Bay, in B. M.

a. Richmond River. b. E. Australia. c. New Caledonia.

1986. Thyas dotata.

Noctua dotata. Fabr.: Ent. Syst., iii. (2) 55. 153 (1794).
Ophiusa dotata. Van der Hoev.: Lep. Nov., pl. 4, f. 3, *a*, *b* (1839).
———— Hampson: Faun. Brit. Ind. Moths, ii. p. 496 (1894).
———— Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 62.
Lagoptera dotata. Guen.: Noct., iii. 226. 1632 (1852).
———— Walker: xiv. 1353 (1858).

Lagoptera dotata. Moore: P. Z. S., Lond., 1867, p. 74.
——— Butler: P. Z. S., Lond., 1880, p. 679.
——— Swinhoe: P. Z. S., Lond., 1885, p. 464.
——— Leech: Trans. Ent. Soc., Lond., 1889, p. 137.
Thyas dotata. C. and S.: Cat. Moths of India, iii. 398. 2596 (1888).
——— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 243.
——— Hampson: Ill. Typ. Lep. Het., B. M., viii. 20. 556 (1891).

a. India (2). b. Indore (2) (Hearsay). c. Bengal. d. Silhet. e. Nilgiri Hills. f. Siam (Mouhot).

1987. Thyas inversa.

Ophisma inversa. Walker: xiv. 1384 (1858).
——— Butler: P. Z. S., Lond., 1892, p. 128.

Type. Sarawak, Borneo, in B. M.
a. Sarawak (Wallace). b. Singapore.

1988. Thyas rubida.

Ophisma rubida. Walker: Journ. Linn. Soc., Lond., vii. p. 179 (1864).
——— xxxiii. 953 (1865).

a. Sarawak, Borneo (type) (Wallace).

1989. Thyas pallescens.

Lagoptera pallescens. Walker: Journ. Linn. Soc., Lond., vii. p. 179 (1864).
——— xxxiii. 953 (1865).

a. Sarawak, Borneo (type) (Wallace).

GENUS **LAGOPTERA.** Guen.: Noct., iii. p. 223 (1852).

1990. Lagoptera juno.

Noctua juno. Dalman: Anal. Entom., 52. 29 (1823).
Lagoptera juno. Walker: xiv. 1353 (1858).
——— Butler: Entom., xxvii. p. 193 (1894).
——— Hampson: Faun. Brit. Ind. Moths, ii. p. 505 (1894).
——— Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 64.
Ophiusa elegans. Van der Hoev.: Lep. Nov., pl. 5, f. 6, *a*, *b* (1839).
Ophideres elegans. Van der Hoev.: Tijd. Nat. Gesch., vii. p. 280, pl. 5, f. 6, *a*, *b* (1840).
Lagoptera elegans. Haase: Iris, i. p. 174 (1887).
——— Leech: P. Z. S., Lond., 1889, p. 548.
——— Trans. Ent. Soc., Lond., 1889, p. 137.
Thyas elegans. C. and S.: Cat. Moths of India, iii. 398. 2597 (1888).
——— Hmn.: Ill. Typ. Lep. Het., B. M., viii. 20. 557 (1891).
Lagoptera multicolor. Guen.: Noct., iii. 226. 1631.
——— Walker: xiv. 1352.

a. India (2). b. Japan.

GENUS **ARTENA.** Walker: xiv. 1388 (1858).
Minucia. Moore: Lep. Ceylon, iii. p. 159 (1885).

1991. Artena trapezium.

Ophiodes trapezium. Guen.: Noct., iii. 231. 1638 (1852).
——— Walker: xiv. 1360.

Ophiodes trapezium. Moore: P. Z. S., Lond., 1867, p. 74.
Minucia trapezium. Moore: Lep. Ceylon, iii. p. 160 (1885).
——————— C. and S.: Cat. Moths of India, iii. 400. 2609 (1888).
——————— Hampson: Ill. Typ. Lep. Het., B. M., viii. 20. 560 (1891); ix. 26. 620 (1893).
Ophiusa trapezium. Hampson: Faun. Brit. Ind. Moths, ii. p. 504 (1894).
——————— Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 64.
Ophisma cognata. Walker: xxxiii. 958 (1865).
Ophiodes adusta. Moore: Descr. Ind. Lep. Atk., p. 169, pl. 6, f. 11 (1882).
Minucia adusta. Cotes and Swinhoe: l. c., 398. 2600.
Ophiusa adusta. Hampson: l. c., p. 497.
Minucia prunicolor. Moore: Lep. Ceylon, iii. p. 160, pl. 167, f. 3.
——————— Cotes and Swinhoe: l. c., 399. 2606.
——————— Hampson: Ill. Typ. Lep. Het., B. M., viii. 20. 558 (1891); ix. 26. 619 (1893).

Type (*adusta*). Cherra Punji, in coll. Staudinger.
Type (*prunicolor*). Ceylon, in B. M.
a. Mysol (type *cognata*) (Wallace). b. Sumatra (Wallace).
c. India. d. Silhet.

1992. Artena triphænoides.

Ophiodes triphænoides. Walker: xiv. 1358 (1858).
——————— Moore: P. Z. S., Lond., 1867, p 74.
——————— Butler: P. Z. S., Lond., 1880, p. 679; 1883, p. 164.
——————— Swinhoe: P. Z. S., Lond., 1885, p. 464; 1886, p. 450.
——————— C. and S.: Cat. Moths of India, iii. 400. 2610 (1888).
——————— Leech: Trans. Ent. Soc., Lond., 1889, p. 140.
Ophiusa triphænoides. Hmn.: Faun. Brit. Ind. Moths, ii. p. 505 (1894).
——————— Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 64.

Type. Punjab, in B. M.
a. India (2). b. Indore (4) (Hearsay). c. Bombay (2).

Genus **MACALDENIA.** Moore: Lep. Ceylon, iii. p. 162 (1885).
Pasipeda. Moore: Descr. Ind. Lep. Atk., p. 171 (1882). (præocc.)

1993. Macaldenia palumba.

Hulodes palumba. Guen.: Noct., iii. 211. 1613 (1852).
——————— Walker: xiv. 1337 (1858); xxxiii. 952 (1865).
——————— Moore: P. Z. S., Lond., 1867, p. 73.
Pasipeda palumba. Moore: Descr. Ind. Lep. Atk., p. 171.
Macaldenia palumba. Moore: Lep. Ceylon, iii. p. 162, pl. 168, f. 1. 1 *a*.
——————— C. and S.: Cat. Moths of India, iii. 405. 2641 (1888).
——————— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 245.
——————— Hampson: Ill. Typ. Lep. Het., B. M., viii. 21. 572 (1891); ix. 26. 639 (1893).
Ophiusa palumba. Hmn.: Faun. Brit. Ind. Moths, ii. p. 496 (1894).
Remigia colligens. Walker: xxxiii. 1019 (1865).

Type (*colligens*) without locality in B. M.
a. Nilgiri Hills. b. Singapore.

GENUS **HYPÆTRA**. Guen.: Noct., iii. p. 259 (1852).
Avatha. Walker: xiii. 1106 (1857).

1994. Hypætra bubo.

Athyrma bubo. Hübn.: Zutr., iv. 13. 317, f. 633. 634 (1832).
——— Guen.: Noct., iii. 262. 1689.
——— Walker: xiv. 1417 (1858).
Hypætra bubo. Hampson: Faun. Brit. Ind. Moths, ii. p. 508 (1894).
Hypætra perficiens. Walker: xiv. 1412.
——— C. and S.: Cat. Moths of India, iii. 406. 2647 (1888).
Hypætra condita. Walker: xiv. 1413.
Anereuthina condita. Moore: Lep. Ceylon, iii. p. 173, pl. 170, f. 5 (1885).
——— Cotes and Swinhoe: l. c., 407. 2649.
——— Hampson: Ill. Typ. Lep. Het., B. M., viii. 21. 575 (1891); ix. 26. 644 (1893).

Type (*condita*). Ceylon, in B. M.
a. India (type *perficiens*). b. Sumatra (Wallace).

GENUS **PSEUDATHYRMA**. Butler: Ann. Mag. N. H. (6), x. p. 299 (1892).

1995. Pseudathyrma complens.

Hypætra complens. Walker: xiv. 1415 (1858).
——— Hampson: Faun. Brit. Ind. Moths, ii. p. 509 (1894).
Cropia glaucofascia. Walker: xv. 1804 (1858).
Cropia onerata. Walker: Journ. Linn. Soc., Lond., vii. p. 166 (1864).
——— xxxiii. 899 (1865).
Hypætra stigmata. Moore: P. Z. S., Lond., 1877, p. 610.
——— C. and S.: Cat. Moths of India, iii. 406. 2648 (1888).

Types (*complens* and *glaucofascia*). Sumatra, in B. M.
Type (*stigmata*). Andamans, in B. M.
a. Sarawak, Borneo (type *onerata*) (Wallace). b. Singapore.

GENUS **SERRODES**. Guen.: Noct., iii. p. 251 (1852).

1996. Serrodes campana.

Serrodes campana. Guen.: Noct., iii. p. 252, pl. 22, f. 6 ♂.
——— Walker: xiv. 1402 (1858).
——— Moore: P. Z. S., Lond., 1867, p. 75.
——— Lep. Ceylon, iii. p. 166, pl. 167, f. 5. 5 *a* (1885).
——— C. and S.: Cat. Moths of India, iii. 403. 2630 (1888).
——— Haase: Iris, i. p. 326 (1888).
——— Leech: Trans. Ent. Soc., Lond., 1889, p. 140.
——— Hampson: Ill. Typ. Lep. Het., B. M., viii. 21. 566 (1891); ix. 26. 632 (1893).
——— Butler: P. Z. S., Lond., 1892, p. 128.

a. India (2). b. Silhet.

1997. Serrodes inara.

Phalæna inara. Cram.: Pap. Exot., iii. pl. 239, f. E (1782).
Bendis inara. Hübn.: Verz., 269. 2649 (1816).

Serrodes inara. Guen.: Noct., iii. 253. 1675 (1852).
———— Walker: xiv. 1403 (1858); xxxiii. 962 (1865).
———— Swinhoe: P. Z. S., Lond., 1885, p. 464.
———— C. and S.: Cat. Moths of India, iii. 404. 2631 (1888).
———— Hampson: Ill. Typ. Lep. Het., B. M., viii. 21. 567 (1891).
———— (part) Faun. Brit. Ind. Moths, ii. p. 510 (1894).
———— Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 65.
Ophiodes basisignum. Walker: xiv. 1359.
———— Cotes and Swinhoe: l. c., 399. 2601.
Phoberia korana. Felder: Reise Nov. Lep., pl. 116, f. 3 (1873).

Type (*korana*), without locality, in coll. Rothschild.
a. India (type). b. India. c. Indore (Hearsay). d. Bombay. e. Nilgiri Hills.

The outer erect transverse duplex line on the fore-wings is much nearer the centre in this species than in *campana*.

GENUS **DORDURA**. Moore: Descr. Ind. Lep. Atk., p. 170 (1882).

1998. Dordura aliena.

Hypætra aliena. Walker: xxxiii. 964 (1865).
Dordura aliena. Moore: l. c.
———— C. and S.: Cat. Moths of India, iii. 407. 2656 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 247; 1895, p. 65.
———— Hampson: Faun. Brit. Ind. Moths, ii. p. 511 (1894).
Dordura apicalis. Moore: l. c., pl. 5, f. 20.
———— Cotes and Swinhoe: l. c., 2657.
Dysgonia tincta. Hampson: Ill. Typ. Lep. Het., B. M., ix. p. 112, pl. 165 f. 3 (1893).

Type. N. India, in B. M.
Type (*apicalis*). Calcutta, in coll. Staudinger.
Type (*tincta*). Ceylon, in B. M.
a. Gilolo.

GENUS **DELGAMMA**. Moore: Lep. Ceylon, iii. p. 168 (1885).

1999. Delgamma calorifica.

Naxia calorifica. Walker: xiv. 1406 (1858).
———— Moore: P. Z. S., Lond., 1867, p. 75.
Delgamma calorifica. Moore: Lep. Ceylon, iii. p. 168, pl. 168, f. 4. 4 *a*.
———— C. and S.: Cat. Moths of India, iii. 404. 2636 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 245; 1895, p. 65.
———— Hmn.: Ill. Typ. Lep. Het., B. M., ix. 26. 633 (1893).
Delgamma pangonia. Hmn.: (nec Guen.) Faun. Brit. Ind. Moths, ii. p. 512 (1894).

Type. Silhet, in B. M.
a. Singapore.

GENUS **ANEREUTHINA**. Hübn.: Zutr., ii. p. 23, No. 163 (1823).

2000. Anereuthina lilach.

Hypætra lilach. Guen.: Noct., iii. 260. 1688 (1852).
Anereuthina lilach. Hampson: Faun. Brit. Ind. Moths, ii. p. 510 (1894).
Hypætra lilacii. Walker: xiv. 1411 (1858).
———— C. and S.: Cat. Moths of India, iii. 406. 2645 (1888).
Hypætra ocularia. Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 246, pl. 8, f. 4.

Type (*ocularia*). Bassein, Burmah, in B. M.
a. India.

GENUS **LEUCANITIS**. Guen.: Noct., iii. p. 58 (1852).

2001. Leucanitis schraderi.

Leucanitis schraderi. Felder: Reise Nov. Lep., pl. 116, f. 7 (1873).

Type. Australia, in coll. Rothschild.
a. W. Australia. b. N. Australia (2). c. Lizard Island.

2002. Leucanitis frontinus.

Papilio frontinus. Don.: Epit. Ins. of Asia, pl. 32, f. 20 (1805).
Agarista frontinus. Boisd.: Voy. Duperrey Zool., ii. p. 282 (1832).
———— Voy. de l'Astrolabe, i. Lep., 173. 2 (1832).
———— Walker: i. 41 (1854).
Noctua scapularis. Guérin: Voy. Duperrey Atlas Ins., pl. 19, f. 2 (1829).
Ophiusa pyrrhargyra. Walker: xiv. 1435 (1858).

Type (*pyrrhargyra*). Sydney, in B. M.
a. Australia.

GENUS **SYMPIS**. Guen.: Noct., iii. p. 343 (1852).

2003. Sympis rufibasis.

Sympis rufibasis. Guen.: Noct., iii. p. 344, pl. 24, f. 1.
———— Walker: xv. 1549 (1858).
———— Moore: P. Z. S., Lond., 1867, p. 77.
———— Lep. Ceylon, iii. p. 202, pl. 173, f. 5. 5 *a* (1885).
———— C. and S.: Cat. Moths of India, iii. 424. 2761 (1888).
———— Meyrick: Trans. Ent. Soc., Lond., 1889, p. 474.
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 257; 1895, p. 65.
———— Hampson: Ill. Typ. Lep. Het., B. M., ix. 28. 697 (1893).
———— Faun. Brit. Ind. Moths, ii. p. 513 (1894).

a. India. b. Ceylon. c. Singapore. d. Sarawak. Borneo (Wallace).

GENUS **BANIANA**. Walker: xv. 1843 (1858).

2004. Baniana polyspila.

Athyrma polyspila. Walker: xxxiii. 966 (1865).
———— Moore: P. Z. S., Lond., 1867, p. 75.

Athyrma polyspila. C. and S.: Cat. Moths of India, iii. 363. 2387 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 248; 1895, p. 65.
Baniana polyspila. Hampson: Faun. Brit. Ind. Moths, ii. p. 514 (1894).
Athyrma tessellata. Moore: l. c., p. 76.
———— Cotes and Swinhoe: l. c., 364. 2388.

Type. N. India, in B. M.
Type (*tessellata*). Bengal, in coll. Russell.
a. Bombay.

2005. Baniana divulsa.

Athyrma divulsa. Walker: xxxiii. 966 (1865).
———— Moore: P. Z. S., Lond., 1867, p. 76.
———— C. and S.: Cat. Moths of India, iii. 363. 2386 (1888).
———— Hampson: Ill. Typ. Lep. Het., B. M., ix. p. 105, pl. 163, f. 4 (1893).
Baniana divulsa. Hampson: Faun. Brit. Ind. Moths, ii. p. 515 (1894).
———— Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 65.

Type. Silhet, in B. M.
a. Nilgiri Hills. b. Khasia Hills (9).

Genus **BOCULA.** Guen.: Noct., iii. p. 295 (1852).
Borsippa. Walker: xv. 1756 (1858).
Lacibisa. Walker: Journ. Linn. Soc., Lond., vii. p. 82 (1864).

2006. Bocula quadrilineata.

Borsippa quadrilineata. Walker: xv. 1756.
———— Hmn.: (part) Faun. Brit. Ind. Moths, ii. p. 516 (1894).
Lacibisa bifaria. Walker: Journ. Linn. Soc., Lond., vii. p. 82.
———— xxxiii. 875 (1865).
Borsippa marginata. Moore: Descr. Ind. Lep. Atk., p. 173 (1882).
———— C. and S.: Cat. Moths of India, iii. 354. 2318 (1888).

Type. Sarawak, Borneo, in B. M.
Type (*marginata*). Darjiling, in coll. Staudinger.
a. Sarawak (type *bifaria*) (Wallace).

2007. Bocula punctilineata.

Borsippa punctilineata. Hmn.: Ill. Typ. Lep. Het., B. M., viii. p. 83, pl. 146, f. 14 (1891).
Aramuna punctilineata. Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 65.
Borsippa pallens. Hmn.: (part) Faun. Brit. Ind. Moths, ii. p. 517 (1894).
Bocula orthosiana. Hampson: (part) l. c., iv. App. p. 533 (1896).

Type. Nilgiri Hills, in B. M.
a. Khasia Hills.

Genus **ARAMUNA.** Moore: Lep. Ceylon, iii. p. 35 (1884).

2008. Aramuna inconclusa.

Agrotis inconclusa. Walker: Journ. Linn. Soc., Lond., vi. p. 186 (1862).
———— xxxii. 690 (1865).

Aramuna lutosa. Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 225, pl. 7, f. 11.
Borsippa lutosa. Hampson: Faun. Brit. Ind. Moths, ii. p. 517 (1894).

Type (*lutosa*). Rangoon, in B. M.
a. Sarawak, Borneo (type) (Wallace).

Genus **PLECOPTERA.** Guen.: Noct., ii. p. 429 (1852).
Carteia. Walker: Journ. Linn. Soc., Lond., vii. p. 82 (1864).

2009. Plecoptera reflexa.

Plecoptera reflexa. Guen.: Noct., ii. 431. 1303.
———— Walker: xiii. 1033 (1857).
———— Butler: P. Z. S., Lond., 1886, p. 381.
———— Haase: Iris, i. pp. 170, 374 (1887).
———— Hmn.: Ill. Typ. Lep. Het., B. M., viii. 17. 469 (1891).
———— Faun. Brit. Ind. Moths, ii. p. 519 (1894).
———— Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 65.
Poaphila reflexa. C. and S.: Cat. Moths of India, iii. 353. 2312 (1888).
Trigonodes (?) *gammoides.* Walker: xv. 1833 (1858).
Poaphila (?) *simplex.* Walker: xv. 1840.
———— Swinhoe: P. Z. S., Lond., 1885, p. 468.
Poaphila hamifera. Walker: xxxiii. 992 (1865).
———— Swinhoe: P. Z. S., Lond., 1886, p. 451.
Poaphila uniformis. Moore: Descr. Ind. Lep. Atk., p. 172, pl. 5, f. 10 (1882).
———— Cotes and Swinhoe: l. c., 2313.

Type (*gammoides*). Punjab, in B. M.
Type (*simplex*). N. India, in B. M.
Type (*uniformis*). Parisnath, in coll. Staudinger.
a. Central India (type *hamifera*). b. Indore (8) (Hearsay).
c. India (2).

2010. Plecoptera nebulilinea. Pl. III. f. 13.

Carteia nebulilinea. Walker: Journ. Linn. Soc., Lond., vii. p. 83 (1864).
———— xxxiii. 875 (1865).

a. Sarawak, Borneo (type) (Wallace).
The type specimen is a female.

2011. Plecoptera juncea.

Heliothis juncea. Swinhoe: P. Z. S., Lond., 1885, p. 448, pl. 27, f. 4.
———— C. and S.: Cat. Moths of India, iii. 272. 1733 (1888).
———— Hmn.: Ill. Typ. Lep. Het., B. M., viii. 12. 315 (1891).
Plecoptera juncea. Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 66.
Plecoptera resistens (♀). Hmn. (nec Walker): Faun. Brit. Ind. Moths, ii. p. 519 (1894).

Type. Bombay, in B. M.
a. Khasia Hills (♂ ♀).

2012. Plecoptera quæsita.

Remigia quæsita. Swinhoe: P. Z. S., Lond., 1885, p. 468, pl. 27, f. 8.
———— C. and S.: Cat. Moths of India, iii. 416. 2705 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 249.

Plecoptera quæsita. Hmn.: Ill. Typ. Lep. Het., B. M., viii. 17. 470 (1891).
——————— Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 66.
Plecoptera resistens (♂). Hmn. (nec Walker): Faun. Brit. Ind. Moths, ii. p. 519 (1894).

Type. Bombay, in B. M.
a. Khasia Hills (♂ ♀). b. Mysol (Wallace).

Genus **ACANTHOLIPES.** Led.: Noct. Eur., p. 198 (1857).
Chodda. Walker: Journ. Linn. Soc., Lond., vii. p. 64 (1864).
Docela. Walker: xxxiv. 1258 (1865).

2013. Acantholipes circumdatus.

Hydrelia (?) *circumdata.* Walker: xv. 1763 (1858).
Acantholipes circumdatus. Hmn.: Faun. Brit. Ind. Moths, ii. p. 520 (1894).
Docela vetustalis. Walker: xxxiv. 1258.
Docela affinis. Butler: Ann. Mag. N. H. (5), v. p. 225 (1880).
Acantholipes affinis. Butler: P. Z. S., Lond., 1881, p. 618.
——————— Swinhoe: P. Z. S., Lond., 1884, p. 518; 1885, p. 467; 1886, p. 451.
——————— C. and S.: Cat. Moths of India, iii. 413. 2691 (1888).
Acantholipes flavisigna. Moore: P. Z. S., Lond., 1881, p. 371.
——————— Cotes and Swinhoe: l. c., 414, 2692.
Acantholipes nigrisigna. Moore: l. c., p. 372.
——————— Cotes and Swinhoe: l. c., 2694.

Type. Congo, in B. M.
Type (*vetustalis*). Congo, in B. M.
Type (*affinis*). Karachi, in B. M.
Types (*flavisigna* and *nigrisigna*). Bombay, in B. M.
a. India. b. Bombay (2).

2014. Acantholipes sordidula. Pl. iv. f. 26.

Chodda sordidula. Walker: Journ. Linn. Soc., Lond., vii. p. 64 (1864).
——————— xxxiii. 812 (1865).

a. Sarawak, Borneo (type) (Wallace).

2015. Acantholipes fasciatus.

Poaphila fasciata. Hmn.: Ill. Typ. Lep. Het., B. M., viii. p. 84, pl. 148, f. 8 (1891).
Acantholipes fasciatus. Hmn.: Faun. Brit. Ind. Moths, ii. p. 521 (1894).

Type. Nilgiri Hills, in B. M.
a. Nilgiri Hills.

Genus **GESONIA.** Walker: xvi. 75 (1858).
Hileia. Walker: xxiv. 1100 (1862).

2016. Gesonia gemma.

Gesonia gemma. Swinhoe: P. Z. S., Lond., 1885, p. 469.
——————— C. and S: Cat. Moths of India, iii. 432. 2825 (1888).
——————— Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 67.

Acantholipes gemma. Hmn.: Faun. Brit. Ind. Moths, ii. p. 524 (1894).

Type. Poona, in B. M.

a. Poona (♂ ♀).

GENUS **DRAGANA.** Walker: xvi. 200 (1858).

Apphadana. Walker: xxxiv. 1212 (1865).

2017. Dragana pansalis.

Dragana pansalis. Walker: xvi. 200.
——— Moore: Lep. Ceylon, iii. p. 251 (1885).
——— C. and S.: Cat. Moths of India, iii. 448. 2941 (1888).
——— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 261; 1895, p. 68.
——— Hampson: Ill. Typ. Lep. Het., B. M., viii. 24. 672 (1891); ix. p. 127, pl. 167, f. 3 (1893).
——— Faun. Brit. Ind. Moths, ii. p. 524 (1894).
Apphadana evulsalis. Walker: xxxiv. 1213.
——— Moore: P. Z. S., Lond., 1877, p. 613.
——— Swinhoe: P. Z. S., Lond., 1885, p. 474.
——— Moore: Journ. Linn. Soc., Lond., Zool., xvi. p. 58 (1886).
Amblygoes evulsalis. Butler: P. Z. S., Lond., 1880, p. 681.
Poaphila concors. Walker: xxxv. 1969 (1866).

Type. Ceylon, in B. M.

Types (*evulsalis* and *concors*). Ceylon, in B. M.

a. Indore (3) (Hearsay). b. Nilgiri Hills. c. Mysol (Wallace).

GENUS **CAUNINDA.** Moore: Lep. Ceylon, iii. p. 190 (1884).

2018. Cauninda archesia.

Phalæna-Noctua archesia. Cram.: Pap. Exot., iii. pl. 273, f. F, G (1782).
Drasteria archesia. Hübn.: Verz., 280. 2750 (1816).
Remigia archesia. Guen.: Noct., iii. 318. 1779 (1852).
——— Walker: xiv. 1504 (1858).
——— Moore: P. Z. S., Lond., 1867, p. 77; 1877, p. 611.
——— Butler: P. Z. S., Lond., 1880, p. 680.
——— Swinhoe: P. Z. S., Lond., 1884, p. 521; 1885, p. 468.
——— Druce: P. Z. S., Lond., 1888, p. 225.
——— Leech: P. Z. S., Lond., 1889, p. 552.
——— Trans. Ent. Soc., Lond., 1889, p. 140.
——— Hampson: Faun. Brit. Ind. Moths, ii. p. 526 (1894).
——— Butler: Entom., xxviii. p. 122 (1895).
Cauninda archesia. Moore: Lep. Ceylon, iii. p. 191, pl. 172, f. 3, 3 *a*.
——— C. and S.: Cat. Moths of India, iii. 414. 2697 (1888).
——— Moore: Journ. Linn. Soc., Lond., Zool., xxi. p. 58 (1886).
——— Journ. As. Soc. Beng., lv. (2) p. 101 (1886).
——— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 249; 1895, p. 68.
——— Hampson: Ill. Typ. Lep. Het., B. M., viii. 22. 597 (1891); ix. 27. 671 (1893).
Grammodes archesia. Meyrick: Trans. Ent. Soc., Lond., 1889, p. 475.

Phalæna-Noctua verbia. Cram.: l. c., f. H.
Mocis verbia. Hübn.: l. c., 267. 2616.
Ophiusa mayeri. Boisd.: Faun. Ent. Madag. Lep., p. 104 (1834).
Remigia pellita. Guen.: Noct., iii. 318. 1780.
———— Walker: xiv. 1503.
Remigia gregalis. Guen.: l. c., 320. 1782.
———— Walker: xiv. 1512.
———— Moore: P. Z. S., Lond., 1877, p. 611.
———— Cotes and Swinhoe: l. c., 415. 2703.
Cauninda gregalis. Hampson: Ill. Typ. Lep. Het., B. M., viii. 22. 598.
Remigia mutata. Walker: xiv. 1505.
Remigia jugalis. Walker: l. c.
Ophisma velata. Walker: Journ. Linn. Soc., Lond., vii. p. 180 (1864).
———— xxxiii. 953 (1865).
Hypætra diffundens. Walker: xxxiii. 963.
Remigia associata. Walker: xxxiii. 1010.
Remigia inconcisa. Walker: xxxiii. 1013.
Remigia bifasciata. Walker: xxxiii. 1014.

Types (*mutata*, *jugalis*, *diffundens*, and *associata*). Sierra Leone, in B. M.

Type (*inconcisa*). Mauritius, in B. M.

Type (*bifasciata*). Ceylon, in B. M.

a. Sarawak, Borneo (type *velata*) (Wallace). **b.** Indore (11) (Hearsay). **c.** Silhet. **d.** Nilgiri Hills (2). **e.** Ceylon. **f.** Sarawak (2) (Wallace). **g.** Sumatra (Wallace). **h.** New Guinea (Wallace). **i.** Mysol (2) (Wallace). **j.** Ceram (2) (Wallace). **k.** Sula (Wallace). **l.** Talaur Island.

2019. Cauninda laxa.

Phurys laxa. Walker: xiv. 1486 (1858).
Remigia laxa. Hampson: Faun. Brit. Ind. Moths, ii. p. 525 (1894).
Drasteria pavona. Felder: Reise Nov. Lep., pl. 117, f. 9 (1873).
Remigia pavona. C. and Swinh.: Cat. Moths of India, iii. 415. 2704 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 68.

Type. Without locality, in B. M.

Type (*pavona*). Silhet, in coll. Rothschild.

a. India.

GENUS **REMIGIA.** Guen.: Noct., iii. p. 312 (1852).

2020. Remigia frugalis.

Noctua frugalis. Fabr.: Syst. Ent., vi. p. 601 (1775).
———— Oliv. Enc. Méth., vi. p. 284 (1791).
Remigia frugalis. Guen.: Noct., iii. 314. 1773.
———— Walker: xiv. 1507 (1858).
———— Moore: P. Z. S., Lond., 1867, p. 77.
———— Snellen: Tijd. voor Ent., (2) vii. p. 64, pl. 5, f. 7 (1872).
———— Butler: Ann. Mag. N. H. (5), v. p. 225 (1880).
———— P. Z. S., Lond., 1880, p. 680; 1884, p. 499.
———— Forsayeth: Trans. Ent. Soc., Lond., 1884, p. 416 (larva).
———— Swinhoe: P. Z. S., Lond., 1884, p. 521.

Remigia frugalis. Moore: Lep. Ceylon, iii. p. 190, pl. 172, f. 4. 4 *a* (1885).
———— Journ. Linn. Soc. Zool., xx. p. 58 (1886).
———— Druce: P. Z. S., Lond., 1888, p. 226.
———— C. and S.: Cat. Moths of India, iii. 415. 2702 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 249; 1895, p. 68.
———— Hampson: Ill. Typ. Lep. Het., B. M., viii. 22. 599 (1891); ix. 27. 672 (1893).
———— Faun. Brit. Ind. Moths, ii. p. 527 (1894).
Chalciope lycopodia. Geyer: Hübn. Zutr., v. 25. 449, f. 897. 898 (1837).
Remigia translata. Walker: xxxiii. 1015 (1865).

Type (*translata*). Ceylon, in B. M.
a. Indore (6) (Hearsay). b. Silhet. c. Siam (Mouhot). d. Sarawak, Borneo (Wallace). e. Mysol (Wallace). f. Queensland.

2021. Remigia alterna.

Euclidia (?) *alterna.* Walker: xv. 1833 (1858).
Grammodes alterna. Meyrick: Trans. Ent. Soc., Lond., 1889, p. 475.
Pseudophia nebuligera. Butler: Trans. Ent. Soc., Lond., 1886, p. 413 ♀.

Type. N. Australia, in B. M.
a. New South Wales.

GENUS **TRIGONODES.** Guen.: Noct., iii. p. 281 (1852).

2022. Trigonodes hyppasia.

Phalæna-Noctua hyppasia. Cram.: Pap. Exot., iii. pl. 250, f. E (1782).
Trigonodes hyppasia. Guen.: Noct., iii. 283. 1726.
———— Walker: xiv. 1450 (1858).
———— Moore: P. Z. S., Lond., 1867, p. 77.
———— Snellen: Tijd. voor Ent., (2) vii. p. 61 (1872).
———— Butler: P. Z. S., Lond., 1880, p. 680; 1881, p. 620; 1886, p. 382.
———— Swinhoe: P. Z. S., Lond., 1884, p. 521; 1885, p. 467; 1886, p. 451.
———— Moore: Lep. Ceylon, iii. p. 186 (1885).
———— C. and S.: Cat. Moths of India, iii. 413. 2687 (1888).
———— Hampson: Ill. Typ. Lep. Het., B. M., viii. 21. 593 (1891); ix. 27. 667 (1893).
———— Faun. Brit. Ind. Moths, ii. p. 527 (1894).
———— Butler: Entom., xxviii. p. 122 (1895).
———— Swinhoe: Trans. Ent. Soc., Lond., 1896, p. 68.
———— Hampson: P. Z. S., Lond., 1896, p. 265.
Noctua hypatia. Oliv. Enc. Meth., vi. p. 122 (1791).
———— Fabr.: Ent. Syst., iii. 2. 98 (1794).
Chalciope hypasia. Hübn.: Verz., 268. 2634 (1816).
Phalæna-Noctua deliana. Stoll: Cram. Pap. Exot., v. p. 160, pl. 36, f. 4 (1791).
Ophiusa anfractuosa. Boisd.: Faun. Ent. Madag. Lep., p. 104, pl. 15, f. 6 (1834).
Trigonodes anfractuosa. Guen.: l. c., 1727.
———— Walker: xiv. 1449.

Trigonodes anfractuosa. Butler: P. Z. S., Lond., 1884, p. 499.
Trigonodes acutata. Guen.: l. c., 1728.
——————— Walker: xiv. 1449.
——————— Butler: l. c., p. 498.
Trigonodes inacuta. Guen.: l. c., 284. 1729.
——————— Walker: xiv. 1452.
Trigonodes exportata. Guen.: l. c., 1730.
——————— Walker: xiv. 1449.
Trigonodes compar. Walker: xiv. 1451.
Chalciope mahura. Felder: Reise Nov. Lep., pl. 117, f. 13 (1873).
Chalciope deltifera. Felder: l. c., f. 24.

Type (*compar*). China, in B. M.
Type (*mahura*). Natal, in coll. Rothschild.
Type (*deltifera*). Bogos, in coll. Rothschild.
a. India. b. Indore (7) (Hearsay). c. Moreton Bay.

2023. Trigonodes cephise.

Phalæna cephise (♂). Cram.: Pap. Exot., iii. pl. 227, f. C (1782).
Chalciope cephise. Hübn.: Verz., 268. 2633 (1816).
Trigonodes cephise. Guen.: Noct., iii. 282. 1724 (1852).
——————— Walker: xiv. 1450 (1858).
——————— Druce: P. Z. S., Lond., 1888, p. 225.
——————— C. and S.: Cat. Moths of India, iii. 412. 2685 (1888).
——————— Meyrick: Trans. Ent. Soc., Lond., 1889, p. 475.
——————— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 249.
——————— Hampson: Faun. Brit. Ind. Moths, ii. p. 528 (1894).
——————— Butler: Entom., xxviii. p. 122 (1895).
Trigonodes maxima (♀). Guen.: l. c., 1723.
——————— Walker: xiv. 1451.
——————— Cotes and Swinhoe: l. c., 413. 2688.
——————— Swinhoe: l. c.

a. India. b. Siam (Mouhot). c. Fiji.

Genus **ATTATHA.** Moore: P. Z. S., Lond., 1878, p. 847.

2024. Attatha regalis.

Hypercompa regalis. Moore: P. Z. S., Lond., 1872, p. 575, pl. 33, f. 7.
——————— C. and S.: Cat. Moths of India, ii. 126. 807 (1887).
Attatha regalis. Moore: P. Z. S., Lond., 1878, p. 847.
——————— Lep. Ceylon, iii. p. 537, pl. 212, f. 4 (1887).
——————— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 186.
——————— Hampson: Ill. Typ. Lep. Het., B. M., ix. 27. 666 (1893).
——————— Faun. Brit. Ind. Moths, ii. p. 528 (1894).

a. India (type).

2025. Attatha ino.

Phalæna ino. Drury: Ill. Exot. Ins., iii. p. 39, pl. 29, f. 3 (1782).
Lithosia ino. Westw.: ed. Drury, iii. p. 40, pl. 29, f. 3 (1837).
Charilina (?) *ino.* Walker: ii. 561 (1854).
——————— C. and S.: Cat. Moths of India, ii. 103. 635 (1887).
Attatha ino. Hampson: Faun. Brit. Ind. Moths, ii. p. 529 (1894).
Noctua notata. Fabr.: Ent. Syst., iii. (2) 39. 103 (1794).

Grammodes notata. Walker: xiv. 1445 (1858).
———— Moore: P. Z. S., Lond., 1867, p. 76.
Fodina notata. Cotes and Swinhoe: l. c., iii. 412. 2680 (1888).
———— Hampson: Ill. Typ. Lep. Het., B. M., viii. 21. 590 (1891); ix. 27. 663 (1893).
Grammodes mundicolor. Walker: xxxiii. 973 (1865).
Fodina mundicolor. Moore: Lep. Ceylon, iii. p. 181 (1885).

Type (*mundicolor*). Ceylon, in coll. Layard.
a. Indore (Hearsay).

2026. Attatha tetraspila.

Capnodes (?) *tetraspila.* Walker: xxxiii. 1076 (1865).
———— Moore: Lep. Ceylon, iii. p. 211 (1885).
———— C. and S.: Cat. Moths of India, iii. 426. 2783 (1888).
———— Hampson: Ill. Typ. Lep. Het., B. M., ix. p. 116, pl. 166, f. 2 (1893).
Trigonodes tetraspila. Hampson: Faun. Brit. Ind. Moths, ii. p. 529 (1894).

Type. Ceylon, in B. M.
a. Indore (Hearsay).

GENUS **FODINA.** Guen.: Noct., iii. p. 274 (1852).

2027. Fodina oriolus.

Fodina oriolus. Guen.: l. c., 274. 1713.
———— Walker: xiv. 1438 (1858).
———— Moore: P. Z. S., Lond., 1867, p. 76.
———— C. and S.: Cat. Moths of India, iii. 412. 2681 (1888).
———— Hampson: Faun. Brit. Ind. Moths, ii. p. 529 (1894).
———— Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 68.
———— Butler: Entom., xxviii. p. 121 (1895).

a. India (2). b. Silhet. c. Cambodia, Siam (Mouhot).

2028. Fodina sarmentosa.

Fodina sarmentosa. Felder: Reise Nov. Lep., pl. 117, f. 16 (1873).
———— Butler: Entom., xxviii. p. 121 (1895).

Type. Australia, in coll. Rothschild.
a. Queensland.

2029. Fodina pallula.

Fodina pallula. Guen.: Noct., iii. 275. 1714 (1852).
———— Walker: xiv. 1439 (1858).
———— Moore: P. Z. S., Lond., 1867, p. 76.
———— Lep. Ceylon, iii. p. 181 (1885).
———— C. and S.: Cat. Moths of India, iii. 412. 2682 (1888).
———— Hampson: Ill. Typ. Lep. Het., B. M., ix. 27. 664 (1893).
———— Faun. Brit. Ind. Moths, ii. p. 530 (1894).
———— Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 68.
———— Butler: Entom., xxviii. p. 121 (1895).

a. India. b. Indore (3) (Hearsay). c. Silhet.

2030. Fodina stola.

Fodina stola. Guen.: Noct., iii. 275. 1715 (1852).
———— Walker: xiv. 1439 (1858).
———— Moore: P. Z. S., Lond., 1878, p. 849.
———— C. and S.: Cat. Moths of India, iii. 412. 2683 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 248; 1895, p. 68.
———— Hampson (part): Faun. Brit. Ind. Moths, ii. p. 530 (1894).
———— Butler: Entom., xxviii. p. 121 (1895).

a. Indore (4) (Hearsay). b. Makian, Celebes (Wallace).
c. Batchian (Wallace).

2031. Fodina ostorius.

Papilio ostorius. Don.: Ill. Ins. New Holl. Lep., pl. 32, f. ∴ (text) (1805).
Agarista ostorius. Boisd.: Voy. de l'Astrolabe (1) Lep. 173. 3 (1832).
———— Walker: i. 41 (1854).
Fodina ostorius. Walker: xiv. 1439 (1858).
———— Scott: Austral. Lep., ii. pl. xviii. (1892).
———— Butler: Entom., xxviii. p. 121 (1895).

a. New South Wales (2).

GENUS **GRAMMODES.** Guen.: Noct., iii. p. 275 (1852).
Colbusa. Walker: xxxiii. 978 (1865).

2032. Grammodes geometrica.

Noctua geometrica. Fabr.: Syst. Ent., p. 509 (1775).
———— Sp. Ins., ii. 218. 53 (1781).
———— Mant. Ins., ii. 145. 80 (1787).
———— Ent. Syst., iii. (2) 41. 107 (1794).
———— God.: Lep. France, v. p. 114, pl. 53, f. 4 (1823).
Phalæna-Noctua geometrica. Gmel.: ed. Syst. Nat., i. (5) 2552. 1093 (1787).
———— Rossi: Faun. Etr., ii. p. 179 (1790).
Ophiusa geometrica. Treit.: Schm. Eur., v. 310. 12 (1825).
———— Meig.: Syst. Besch., iii. p. 207, pl. 113, f. 8 (1832).
———— Boisd.: Ind. Méth., 170. 1364 (1840).
Grammodes geometrica. Guen.: Noct., iii. 177. 1719.
———— Walker: xiv. 1442 (1858).
———— Hampson: Faun. Brit. Ind. Moths, ii. p. 531 (1894).
———— Butler: Entom., xxvii. p. 241 (1894).
———— Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 68.
Phalæna-Noctua ammonia. Cram.: Pap. Exot., iii. pl. 250, f. D (1782).
Noctua ammonia. Esper.: Schm. Eur., iv. pl. 180, f. 21 (1786).
Grammodes ammonia. Guen.: l. c., 278. 1720.
———— Walker: xiv. 1443.
———— Moore: P. Z. S., Lond., 1867, p. 76.
———— Butler: P. Z. S., Lond., 1880, p. 679.
———— Moore: Lep. Ceylon, iii. p. 179 (1885).
———— Swinhoe: P. Z. S., Lond., 1884, p. 521; 1885, p. 467.
———— C. and S.: Cat. Moths of India, iii. 411. 2676 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 248.
———— Hampson: Ill. Typ. Lep. Het., B. M., viii. 21. 587 (1891); ix. 27. 661 (1893).
Noctua bifasciata. Petag.: Sp. Ins., p. 38, f. 26 (1787).

Noctua linearis. Hübn. : Beitr., ii. p. 26, pl. 4, f. T (1790).
Noctua chalciptera. Bork.: Schm. Eur., iv. p. 771 (1792).
Noctua parellaris. Hübn.: Noct., pl. 66, f. 324 (1810).
Grammodes congenita. Walker: xiv. 1443.

Type (*congenita*). Natal, in B. M.

a. India. b. Indore (4) (Hearsay). c. Silhet.

2033. Grammodes cooma. nov.

♂♀ The Australian form of *G. geometrica* Fabr. differs from the European, Asian, and African forms in the outer white band of the fore-wings, which runs straight down to the hinder margin, instead of being bent inwardly just above the hinder margin and running almost on to the first white band, as in *geometrica*. I have examined a good number of specimens from many localities, and find this very distinctive character constant in the Australian form.

a. Queensland (type).

2034. Grammodes oculicola.

Grammodes oculicola. Walker: xiv. 1446 (1858).
——————— Snellen: Tijd. voor Ent., xxiii. p. 103, pl. 8, f. 6 (1880).
——————— Druce: P. Z. S., Lond., 1888, p. 225.
——————— Meyrick: Trans. Ent. Soc., Lond., 1889, p. 475.

Type. Sydney, in B. M.

a. New South Wales. b. W. Australia.

2035. Grammodes mygdon.

Phalæna-Noctua mygdon. Cram.: Pap. Exot., ii. pl. 156, f. G (1779).
Grammodes mygdon. Guen.: Noct., iii. 278. 1721 (1852).
——————— Walker: xiv. 1444 (1858).
——————— Moore: P. Z. S., Lond., 1867, p. 76.
——————— Butler: P. Z. S., Lond., 1880, p. 679.
——————— Swinhoe: P. Z. S., Lond., 1885, p. 467.
——————— C. and S.: Cat. Moths of India, iii. 411. 2678 (1888).
——————— Leech: Trans. Ent. Soc., Lond., 1889, p. 139.
——————— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 248; 1895, p. 68.
——————— Hampson: Ill. Typ. Lep. Het., B. M., viii. 21. 588 (1891); ix. 27. 662 (1893).
——————— Faun. Brit. Ind. Moths, ii. p. 531 (1894).
Chalciope mygdon. Moore: Lep. Ceylon, iii. p. 180 (1885).
——————— Journ. As. Soc. Beng., lv. (2) p. 101 (1886).
Colbusa mygdon. Butler: Entom., xxviii. p. 121 (1895).
Chalciope mygdonias. Hübn.: Verz., 268. 2636 (1816).

a. India. b. Silhet. c. Siam (Mouhot). d. China.
e. Sarawak, Borneo (Wallace).

2036. Grammodes justa.

Grammodes justa. Walker: xiv. 1445 (1858).

Type. Moreton Bay, in B. M.

a. Moreton Bay.

2037. Grammodes stolida.

Noctua stolida. Fabr.: Syst. Ent., p. 599 (1775).
——— Sp. Ins., ii. 218. 54 (1781).
——— Mant. Ins., ii. 145. 81 (1787).
——— Ent. Syst., iii. (2) 41. 109 (1794).
——— God.: Lep. Fr., v. p. 117, pl. 53, f. 5 (1823).
Phalæna stolida. Gmel.: ed. Syst. Nat., i. (5) 2552. 1094 (1787).
Ophiusa stolida. Treit.: Schm. Eur., v. 312. 13 (1825).
——— Meig.: Syst. Besch., iii. p. 208, pl. 113, f. 9 (1832).
Grammodes stolida. Guen.: Noct., iii. 276. 1717 (1852).
——— Walker: xiv. 1441 (1858).
——— Moore: P. Z. S., Lond., 1867, p. 76.
——— Butler: Ann. Mag. N. H. (5), v. p. 225 (1880).
——— P. Z. S., Lond., 1884, p. 498.
——— Swinhoe: P. Z. S., Lond., 1884, p. 521; 1885, p. 467.
——— Trans. Ent. Soc., Lond., 1885, p. 352.
——— Butler: P. Z. S., Lond., 1886, p. 382.
——— C. and S.: Cat. Moths of India, iii. 411. 2679 (1888).
——— Hmn.: Ill. Typ. Lep. Het., B. M., viii. 21. 589 (1891).
——— Faun. Brit. Ind. Moths, ii. p. 532 (1894).
——— P. Z. S., Lond., 1896, p. 265.
Noctua cingularis. Hübn.: Noct., pl. 76, f. 352; pl. 109, f. 512 (1810).

a. India. b. Indore (5) (Hearsay).

GENUS **ENTOMOGRAMMA.** Guen.: Noct., iii. p. 203 (1852).

2038. Entomogramma fautrix.

Entomogramma fautrix. Guen.: Noct., iii. 204. 1604.
——— Walker: xiv. 1331 (1858).
——— Moore: P. Z. S., Lond., 1867, p. 73; 1877, p. 609; 1878, p. 849.
——— Felder: Reise Nov. Lep., pl. 115, f. 5 (1873).
——— C. and S.: Cat. Moths of India, iii. 389. 2548 (1888).
——— Haase: Iris, i. p. 325 (1888).
——— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 241; 1895, p. 68.
——— Hampson: Ill. Typ. Lep. Het., B. M., viii. 20. 538 (1891); ix. 25. 593 (1893).
——— Butler: Ann. Mag. N. H. (6), xii. p. 44 (1893).
——— Hmn.: Faun. Brit. Ind. Moths, ii. p. 532 (1894).

a. India (3). b. Assam. c. Silhet. d. Java.

2039. Entomogramma bendoides. Pl. III. f. 8.

Remigia (?) *bendoides.* Walker: Journ. Linn. Soc., Lond., vii. p. 184 (1864).
——— xxxiii. 1008 (1865).

a. Sarawak, Borneo (type) (Wallace).

2040. Entomogramma decernens. Pl. III. f. 19.

Toxocampa (?) *decernens.* Walker: Journ. Linn. Soc., Lond., vii. p. 79 (1864).
——— xxxiii. 871 (1865).

Toxocampa (?) *obliterans*. Walker: Journ. Linn. Soc., Lond., vii. p. 79.
———— xxxiii. 871.

a. Sarawak, Borneo (type ♀) (Wallace). b. Sarawak (type *obliterans*) (Wallace).

GENUS **TARAMINA**. Moore: Lep. Ceylon, iii. p. 153 (1885).

2041. Taramina torsa.

Entomogramma torsa. Guen.: Noct., iii. 204. 1605 (1852).
———— Walker: xiv. 1331 (1858).
———— Swinhoe: P. Z. S., Lond., 1885, p. 462; 1886, p. 449.
———— C. and S.: Cat. Moths of India, iii. 390. 2550 (1888).
———— Meyrick: Trans. Ent. Soc., Lond., 1889, p. 474.
———— Hampson: Ill. Typ. Lep. Het., B. M., viii. 20. 539 (1891); ix. 25. 594 (1893).
Entomogramma tortum. Butler: Ann. Mag. N. H. (6), xii. p. 44 (1893).
———— Hmn.: Faun. Brit. Ind. Moths, ii. p. 533 (1894).
Taramina torta. Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 69.
Entomogramma squamicornis. Felder: Reise Nov. Lep., pl. 115, f. 3 (1873).

Type (*squamicornis*). Java, in coll. Rothschild.
a. India. b. Indore (2) (Hearsay). c. Flores (Wallace).

GENUS **AZAZIA**. Walker: xv. 1576 (1858).

2042. Azazia rubricans.

Ophiusa rubricans. Boisd.: Faun. Lep. Madag., p. 106, pl. 16, f. 1 (1834).
Thermesia rubricans. Guen.: Noct., iii. 356. 1827 (1852).
———— Hampson: Faun. Brit. Ind. Moths, ii. p. 534 (1894).
———— P. Z. S., Lond., 1896, p. 265.
Azazia rubricans. Walker: xv. 1776.
———— Moore: P. Z. S., Lond., 1867, p. 78; 1877, p. 611.
———— Butler: Ann. Mag. N. H. (5), v. p. 225 (1880).
———— Swinhoe: P. Z. S., Lond., 1884, p. 522; 1885, p. 468.
———— Moore: Lep. Ceylon, iii. p. 204, pl. 173, f. 3, 3 *a* (1885).
———— Druce: P. Z. S., Lond., 1888, p. 226.
———— C. and S.: Cat. Moths of India, iii. 430. 2815 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 259; 1895, p. 69.
———— Hampson: Ill. Typ. Lep. Het., B. M., viii. 22. 622 (1891); ix. 29. 719 (1893).
———— Butler: Entom., xxviii. p. 225 (1895).
Thermesia transducta. Walker: xxxiii. 1058 (1865).
Thermesia consueta. Walker: Char. Undescr. Lep. Het., p. 93 (1869).

Type (*transducta*). S. India, in B. M.
Type (*consueta*). Benares, in Devon and Exeter Mus.
a. India (2). b. Indore (7) (Hearsay). c. Nilgiri Hills.

2043. Azazia arefacta.

Remigia arefacta. Swinhoe: P. Z. S., Lond., 1884, p. 521, pl. 48, f. 2.
———— C. and S.: Cat. Moths of India, iii. 415. 2698 (1888).
Thermesia arefacta. Hampson: Faun. Brit. Ind. Moths, ii. p. 535 (1894).

Type. Karachi, in B. M.
a. Indore (2) (Hearsay).

GENUS **HYPOSPILA**. Guen.: Noct., iii. p. 358 (1852).
Moepa. Walker: xxxiii. 981 (1865) (præocc.).
Orrea. Walker: xxxv. 1983 (1866).

2044. Hypospila bolinoides.

Hypospila bolinoides. Guen.: l. c.
———— Walker: xv. 1578 (1858).
———— Swinhoe: P. Z. S., Lond., 1885, p. 461.
———— Moore: Lep. Ceylon, iii. p. 203 (1885).
———— C. and S.: Cat. Moths of India, iii. 358. 2348 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 233; 1895, p. 69.
———— Hmn.: Ill. Typ. Lep. Het., B. M., viii. 18. 486 (1891).
Thermesia bolinoides. Hampson: Faun. Brit. Ind. Moths, ii. p. 537 (1894).
Thermesia signipalpis. Walker: xv. 1572.
———— Moore: Journ. Linn. Soc., Lond. Zool., xxi. p. 58 (1886).
Moepa concisa. Walker: xxxiii. 982.
Orrea concisa. Walker: xxxv. 1983.

Type (*signipalpis*). N. India, in B. M.
a. Ceram (type *concisa*) (Wallace). b. Borneo. c. Indore (6) (Hearsay). d. India (2).

GENUS **ISCHYJA**. Hübn.: Verz., p. 265 (1816).
Potamophora. Guen.: Noct., iii. p. 122 (1852).

2045. Ischyja manlia.

Phalæna-Noctua manlia. Cram.: Pap. Exot., i. pl. 92, f. A (1779).
Noctua manlia. Fabr.: Ent. Syst., iii. (2), 28. 65 (1794).
Ischyja manlia. Hübn.: l. c.
———— Moore: Lep. Ceylon, iii. p. 138, pl. 163, f. 1, 1 *a*, 1 *b* (larva) (1885).
———— C. and S.: Cat. Moths of India, iii. 380. 2492 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 239; 1895, p. 69.
———— Hampson: Ill. Typ. Lep. Het., B. M., viii. 19. 526 (1891); ix. 25. 586 (1893).
———— Faun. Brit. Ind. Moths, ii. p. 537 (1894).
Potamophora manlia. Guen.: l. c., p. 123.
———— Walker: xiii. 1234 (1857).
———— Moore: P. Z. S., Lond., 1867, p. 69; 1877, p. 608; 1878, p. 848.
———— Swinhoe: P. Z. S., Lond., 1885, p. 464.
———— Moore: Journ. As. Soc., Beng., lv. (2), p. 100 (1886).
———— Leech: Trans. Ent. Soc., Lond., 1889, p. 141.
———— Butler: P. Z. S., Lond., 1892, p. 127.

a. Silhet. b. Ceylon. c. Singapore. d. Sarawak, Borneo (2) (Wallace). e. Sumatra (Wallace).

2046. Ischyja ferrifracta.

Potamophora ferrifracta. Walker: Journ. Linn. Soc., Lond., vii. p. 177 (1864).
———— xxxiii. 937 (1865).

Ischyja ferrifracta. Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 69.
———— Hmn.: Faun. Brit. Ind. Moths, iv. App., p. 534 (1896).
Ischyja schlegelii. Snellen: Tijd. voor Ent., xxviii. p. 4, pl. 1, f. 2 (1885).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 240.
———— Hampson: Faun. Brit. Ind. Moths, ii. p. 538 (1894).
Ischyja glaucopteron. Hampson: Ill. Typ. Lep. Het., B. M., viii. p. 88, pl. 147, f. 19 (1891).

Type (*glaucopteron*). Nilgiri Hills, in B. M.
a. Sarawak, Borneo (type) (Wallace). b. Formosa.

Genus **PLATYJA.** Hübn.: Verz., p. 268 (1816).
Cotuza. Walker: xv. 1551 (1858).
Ginæa. Walker: xv. 1637.

2047. Platyja umminia.

Phalæna-Noctua umminia. Cram.: Pap. Exot., iii. pl. 267, f. F (1782).
Platyja umminia. Hübn.: l. c.
———— Moore: Lep. Ceylon, iii. p. 201, pl. 173, f. 6, 6 *a* (1885).
———— C. and S.: Cat. Moths of India, iii. 423. 2760 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 257; 1895, p. 70.
———— Butler: P. Z. S., Lond., 1892, p. 128.
———— Hampson: Ill. Typ. Lep. Het., B. M., ix. 28. 696 (1893).
———— Faun. Brit. Ind. Moths, ii. p. 539 (1894).
———— Butler: Entom., xxvii. p. 213 (1894).
Ophisma umminia. Walker: xiv. 1384 (1858).
Sympis subunita. Guen.: Noct., iii. 344. 1810 (1852).
———— Walker: xv. 1549.
Cotuza drepanoides. Walker: xv. 1552.
Ginæa removens. Walker: xv. 1638.
Ophisma trajecta. Walker: Char. Undescr. Lep. Het., p. 108 (1869).
Hulodes falcata. Felder: Reise Nov. Lep., pl. 115, f. 8 (1873).

Type (*drepanoides*). Moulmein, in B. M.
Type (*removens*). N. India, in B. M.
Type (*trajecta*). Benares, in Devon and Exeter Mus.
Type (*falcata*). Celebes, in coll. Rothschild.
a. Without locality, marked *Ophisma trajecta* by Walker. b. Singapore (3).

Genus **GESPANNA.** nov.

Antennæ bipectinate, the branches short; palpi, with the second joint broad, quadrately scaled and reaching vertex of head, third minute and blunt but scaled like the second joint; abdomen smooth; tibiæ hairy; tarsi smooth; fore-wing with the costa nearly straight; apex slightly produced and falcate, the outer margin rounded; hind-wing with cell short; vein five from close to lower angle of cell.

2048. Gespanna pectoralis.

Ginæa pectoralis. Walker: Journ. Linn. Soc., Lond., vii. p. 190 (1864).
———— xxxiii. 1092 (1865).
Cotuza confirmata. Walker: MS.
Cotuza venochromoides. Walker: MS.

a. Sarawak, Borneo (type) (Wallace). b. Malacca (marked *confirmata*) (Wallace). c. Sumatra (marked *venochromoides*) (Wallace).

GENUS **IONTHA**. Double: Entomologist, i. p. 297 (1842).

2049. Iontha umbrina.

Iontha umbrina. Double: l. c., p. 298.
———— Walker: xiv. 1850 (1858).
———— Moore: P. Z. S., Lond., 1867, p. 73.
———— C. and S.: Cat. Moths of India, iii. 397. 2594 (1888).
———— Hampson: Faun. Brit. Ind. Moths, ii. p. 541 (1894).

a. Singapore (2). b. Silhet.

GENUS **CRITHOTE**. Walker: Journ. Linn. Soc., Lond., vii. p. 182 (1864).

2050. Crithote horridipes.

Crithote horridipes. Walker: l. c., p. 183.
———— xxxiii. 974 (1865).
———— Hampson: Faun. Brit. Ind. Moths, ii. p. 542 (1894).
———— Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 70.

a. Sarawak, Borneo (type) (Wallace).

GENUS **HARMATELIA**. Moore: Descr, Ind. Lep. Atk., p. 182 (1882).

2051. Harmatelia basalis.

Harmatelia basalis. Moore: l. c., p. 183, pl. 6, f. 13.
———— C. and S.: Cat. Moths of India, iii. 419. 2726 (1888).
———— Hampson: Faun. Brit. Ind. Moths, ii. p. 542 (1894).
———— Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 70.

Type. Cherra Punji, in B. M.
a. Khasia Hills (Hamilton).

GENUS **EPISPARIS**. Walker: x. 475 (1856).
Neviasca. Walker: xvi. 7 (1858).
Pradiota. Walker: xxxv. 1572 (1866).

2052. Episparis tortuosalis.

Episparis tortuosalis. Moore: P. Z. S., Lond., 1867, p. 81, pl. 7, f. 5.
———— C. and S.: Cat. Moths of India, iii. 435. 2841 (1888).
———— Hmn.: Ill. Typ. Lep. Het., B. M., viii. 23. 626 (1891).
———— Faun. Brit. Ind. Moths, ii. p. 543 (1894).
———— Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 70.

Type. Bengal, in B. M.
a. India. b. Darjiling.

2053. Episparis varialis.

Neviasea varialis. Walker: xvi. 7 (1858).
Episparis varialis. Moore: P. Z. S., Lond., 1867, p. 81; 1877, p. 611.

Episparis varialis. Moore: Lep. Ceylon, iii. p. 217, pl. 175, f. 12 (1885).
——— C. and S.: Cat. Moths of India, iii. 435. 2842 (1888).
——— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 259.
——— Hampson: Faun. Brit. Ind. Moths, ii. p. 543 (1894).
——— Butler: Entom., xxix. p. 252 (1896).
Episparis signata. Walker: xxxiii. 1032 (1865).
——— Swinhoe: P. Z. S., Lond., 1885, p. 470; 1886, p. 452.
——— Hmn: Ill. Typ. Lep. Het., B. M., ix. 29. 727 (1893).
Episparis davallia. Felder: Reise Nov. Lep., pl. 120, f. 41 (1873).

Type. N. India, in B. M.
Type (*signata*). Ceylon, in B. M.
Type (*davallia*). Bengal, in coll. Rothschild.
a. Ceylon.

2054. Episparis exprimens.

Episparis exprimens. Walker: Trans. Ent. Soc., Lond. (3), i. p. 106 (1862).
——— xxxiii. 1032 (1865).
——— C. and S.: Cat. Moths of India, iii. 435. 2839 (1888).
——— Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 70.
Pradiota sejuncta. Walker: xxxv. 1572 (1866).
Episparis sejunctalis. Moore: P. Z. S., Lond., 1867, p. 81.
——— Cotes and Swinh.: l. c., 2840.

Type (*sejuncta*). Java, in B. M.
a. India (type). b. Indore (2) (Hearsay). c. Darjiling.

2055. Episparis costistriga.

Amphigonia costistriga. Walker: Journ. Linn. Soc., Lond., vii. p. 184 (1864).
——— xxxiii. 1031 (1865).
Episparis sora. Swinhoe: P. Z. S., Lond., 1889, p. 415.
——— Hampson: Faun. Brit. Ind. Moths, ii. p. 544 (1894).

Type (*sora*). Assam, in B. M.
a. Sarawak, Borneo (type) (Wallace). b. Darjiling.

GENUS **CLATERNA.** Walker: xv. 1543 (1858).
Trigonia. Guen.: Delt. et Pyral., p. 11 (1854) (præocc.).

2056. Claterna cydonia.

Phalæna-Noctua cydonia. Cram.: Pap. Exot., i. pl. 22, f. F (1779).
Herminia cydonia. Guérin: Icon. Reg. Anim., pl. 90, f. 5 (1842).
Claterna cydonia. Moore: Lep. Ceylon, iii. p. 216, pl. 175, f. 11 (1885).
——— C. and S.: Cat. Moths of India, iii. 436. 2843 (1888).
——— Hmn.: Ill. Typ. Lep. Het., B. M., ix. 29. 726 (1893).
——— Faun. Brit. Ind. Moths, ii. p. 544 (1894).
Brotis cydoniaria. Hübn.: Verz., 303. 2926 (1816).
Trigonia cydonialis. Guen.: l. c., 12. 1.
——— Walker: xvi. 4 (1858).
Focilla submemorans. Walker: xv. 1533.
Claterna exagens. Walker: xv. 1543.

Type (*submemorans*). Ceylon, in B. M.
Type (*exagens*). Celebes, in B. M.
a. India. b. Singapore. c. Ceram (Wallace).

GENUS **AMPHIGONIA**. Guen.: Noct., iii. p. 337 (1852).

2057. Amphigonia hepatizans.

Amphigonia hepatizans. Guen.: l. c., p. 338, pl. 24, f. 12.
———— Walker: xv. 1541 (1858).
———— Snellen: Tijd. voor Ent., xxiii. p. 108, pl. 8, f. 4–6 (1880).
———— Swinhoe: P. Z. S., Lond., 1885, p. 469.
———— Moore: Lep. Ceylon, iii. p. 215, pl. 173, f. 4 (1885).
———— C. and S.: Cat. Moths of India, iii. 423. 2758 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 256; 1895, p. 70.
———— Hampson: Ill. Typ. Lep. Het., B. M., viii. 22. 612 (1891); ix. 28. 695 (1893).
———— Hmn.: Faun. Brit. Ind. Moths, ii. p. 545 (1894).

a. Nilgiri Hills.

GENUS **MASCA**. Walker: xvi. 8 (1858).
Phagytra. Walker: xxxiv. 1508 (1865).

2058. Masca abactalis.

Masca abactalis. Walker: xvi. 9.
———— C. and S.: Cat. Moths of India, iii. 435. 2838 (1888).
———— Butler: Entom., xxviii. p. 276 (1895).
Phagytra leucogastralis. Walker: xxxiv. 1508.
Metria platypoda. Felder: Reise Nov. Lep., pl. 120, f. 44 (1873).

Type (*leucogastralis*). Java, in B. M.
Type (*platypoda*). Amboina, in coll. Rothschild.

a. Singapore (type) (Wallace). b. Ceram (Wallace). c. Philippines.

GENUS **OXYODES**. Guen.: Noct., iii. p. 128 (1852).

2059. Oxyodes scrobiculata.

Noctua scrobiculata. Fabr.: Sp. Ins., ii. 212. 14 (1781).
———— Mant. Ins., ii. 137. 18 (1787).
Phalæna-Noctua scrobiculata. Gmel.: ed. Syst. Nat., i. (5), 2531. 980 (1787).
Oxyodes scrobiculata. Moore: Lep. Ceylon, iii. p. 141, pl. 164, f. 1 (1885).
———— C. and S.: Cat. Moths of India, iii. 381. 2497 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 240; 1895, p. 70.
———— Hampson: Ill. Typ. Lep. Het., B. M., viii. 19. 530 (1891); ix. 25. 588 (1893).
———— Faun. Brit. Ind. Moths, ii. p. 546 (1894).
Phalæna-Noctua clytia. Cram.: Pap. Exot., iv. pl. 339, f. G (1782).
Oxyodes clytia. Guen.: l. c.
———— Walker: xiv. 1239 (1858).
———— Moore: P. Z. S., Lond., 1867, p. 69.
———— Druce: P. Z. S., Lond., 1888, p. 224.

a. India (2). b. Amoy, China. c. Timor (Wallace). d. Talisse, Celebes.

2060. Oxyodes tricolor.

Oxyodes tricolor. Guen.: Noct., iii. 129. 1502 (1852).
———— Walker: xiv. 1240 (1858).

a. N. E. Australia.

GENUS **HAMODES.** Guen.: Noct., iii. p. 202 (1852).

2061. Hamodes aurantiaca.

Hamodes aurantiaca. Guen.: l. c., 203. 1603.
———— Walker: xiv. 1330 (1858).
———— Moore: P. Z. S., Lond., 1867, p. 73.
———— Swinhoe: P. Z. S., Lond., 1884. p. 520.
———— C. and S.: Cat. Moths of India, iii. 395. 2579 (1888).
———— Butler: Entom., xxvi. p. 354 (1893).
———— Hmn.: Faun. Brit. Ind. Moths, ii. p. 547 (1894).
———— Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 70.
Ophisma attacicola. Walker: xiv. 1383.
Hamodes attacicola. Swinhoe: P. Z. S., Lond., 1885, p. 463.
———— Cotes and Swinh.: l. c., 2578.
Hypernaria dicistriga. Moore: l. c., p. 78.
Hamodes dicistriga. Moore: l. c., 1877, p. 609.
———— Swinhoe: l. c.
———— Cotes and Swinh.: l. c., 2580.
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 243.
———— Hmn.: Ill. Typ. Lep. Het., B. M., ix. 25. 608 (1893).
Hamodes marginata. Moore: Descr. Ind. Lep. Atk., p. 169 (1882).

Type (*attacicola* ♂). N. India, in B. M.
Type (*dicistriga* ♀). Bengal, in coll. Russell.
Type (*marginata*). Darjiling, in coll. Staudinger.
a. Bombay.

GENUS **KALMINA.** Swinh.: Trans. Ent. Soc., Lond., 1891, p. 480.

2062. Kalmina lutea.

Ophisma lutea. Walker: Journ. Linn. Soc., Lond., vii. p. 180 (1864).
———— xxxiii. 953 (1865).
Kalmina ochracea. Swinhoe: l. c., pl. 19, f. 3; 1895, p. 71.
Hamodes ochracea. Hampson: Faun. Brit. Ind. Moths, p. 548 (1894).

Type (*ochracea*). Khasia Hills, in B. M.
a. Sarawak, Borneo (type) (Wallace). b. India (3).

GENUS **PLEURONA.** Walker: xxxv. 1564 (1866).

2063. Pleurona falcata.

Pleurona falcata. Walker: xxxv. 1564.
———— Moore: P. Z. S., Lond., 1877, p. 612, pl. 60, f. 6.
———— C. and S.: Cat. Moths of India, iii. 432. 2823 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 259; 1895, p. 71.
———— Hampson: Faun. Brit. Ind. Moths, ii. p. 550 (1894).

Type. S. India, in B. M.
a. Khasia Hills (Hamilton).

Genus **HOMÆA.** Guen.: Noct., iii. p. 206 (1852).

2064. Homæa clathrum.

Homæa clathrum. Guen.: l. c., 207. 1607.
———— Walker: xiv. 1334 (1858).
———— Swinhoe: P. Z. S., Lond., 1885, p. 462; 1886, p. 449.
———— C. and S.: Cat. Moths of India, iii. 390. 2551 (1888).
———— Hampson: Faun. Brit. Ind. Moths, ii. p. 551 (1894).
———— P. Z. S., Lond., 1896, p. 265.

a. India. b. Indore (Hearsay).

Sub-Family OMMATOPHORINÆ.

Genus **OMMATOPHORA.** Guen.: Noct., iii. p. 190 (1852).

2065. Ommatophora luminosa.

Phalæna luminosa. Cram.: Pap. Exot., iii. pl. 274, f. D (1782).
Speiredonia luminosa. Hübn.: Verz., 272. 2686 (1816).
Ommatophora luminosa. Guen.: l. c.
———— Walker: xiv. 1313 (1858).
———— Moore: P. Z. S., Lond., 1867, p. 72.
———— Haase: Iris, i. p. 173 (1887).
———— C. and S.: Cat. Moths of India, iii. 389. 2545 (1888).
———— Hmn.: Faun. Brit. Ind. Moths, ii. p. 552 (1894).
———— Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 71.
Ommatophora fulvoastra. Guen.: l. c., 191. 1587.
———— Walker: xxxiii. 1314 (1865).

a. India (4). b. Cherra Punji. c. Singapore (4). d. Sarawak, Borneo (Wallace). e. Amboina (Wallace).

Genus **SPIRAMA.** Guen.: Noct., iii. p. 194 (1852).

2066. Spirama retorta.

Phalæna retorta. Linn.: Mus. Lud. Ulr., ii. p. 376 (1764).
———— Clerck: Icon., ii. pl. 54, f. 2 (1764).
———— Cram.: Pap. Exot., ii. pl. 116, f. F (1779); iii. pl. 274, f. A (1782).
Speiredonia retorta. Hübn.: Verz., 272. 2682 (1816).
Erebus retorta. Koll.: Hugel's Kaschmir, iv. p. 475 (1844).
Spirama retorta. Guen.: l. c., 198. 1593.
———— Aurioillius: Kongl. Sv. Vet. Akad. Handl. xix. (5), p. 153 (1882).
———— Butler: Ann. Mag. N. H. (5), xvi. p. 347 (1885).
———— Haase: Iris, i. p. 173 (1887).
———— Hampson: Ill. Typ. Lep. Het., B. M., viii. 20. 547 (1891); ix. 25. 602 (1893).
———— Butler: Entom., xxvi. p. 293 (1893).
———— Hampson: (part) Faun. Brit. Ind. Moths, ii. p. 553 (1894).
———— Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 71.

Spiramia retorta. Walker: xiv. 1319 (1858).
——— C. and S.: Cat. Moths of India, iii. 392. 2561 (1888).
Noctua spiralis. Fabr.: Sp. Ins., ii. 211. 10 (1781).
——— Mant. Ins., ii. 136. 11 (1787).
Phalæna spiralis. Gmel.: ed. Syst. Nat., i. (5), 2530. 973 (1787).
Spirama suffumosa. Guen.: l. c., 195. 1590.
Erebus chemista. Koll.: l. c.
Spiramia cohærens. Walker: xiv. 1321.
——— Cotes and Swinh.: l. c., 391. 2558.
——— Swinh.: Trans. Ent. Soc., Lond., 1890, p. 242.
Spirama cohærens. Moore: P. Z. S., Lond., 1867, p. 72; 1877, p. 608.
——— Lep. Ceylon, iii. p. 149, pl. 165, f. 3, 3 *a* (1885).
——— Hampson: Ill. Typ. Lep. Het., B. M., viii. 20. 544 (1891); ix. 25. 601 (1893).

Type (*cohærens*). Moulmein, in B. M.
a. India (3). b. Silhet (4). c. Ceylon (2). d. Ceram (3) (Wallace). e. Amboina (Wallace).

2067. Spirama helicina.

Speiredonia helicina. Hübn.: Zutr., iii. p. 14, f. 437. 438 (1825).
Spirama helicina. Guen.: Noct., iii. 197. 1594 (1852).
——— Moore: P. Z. S., Lond., 1867, p. 72; 1878, p. 849.
——— Lep. Ceylon, iii. p. 150, pl. 165. f. 4, 4 *a* (1885).
Spiramia helicina. Walker: xiv. 1320 (1858).
——— Swinhoe: P. Z. S., Lond., 1885, p. 463; 1886, p. 450.
——— C. and S.: Cat. Moths of India, iii. 391. 2559 (1888).
——— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 242.
Spirama confusa. Butler: Ill. Typ. Lep. Het., B. M., vii. p. 78, pl. 133, f. 6; 8 (1889).
——— Hmn.: Ill. Typ. Lep. Het., B. M., ix. 25. 601 (1893).
Spiramia indenta. Hampson: l. c., viii. p. 89, pl. 147, f. 20, 21 (1891).

Type (*confusa*). Dharmsala, in B. M.
Type (*indenta*). Nilgiri Hills, in B. M.
a. India (2). b. Central India (2). c. Indore (7) (Hearsay). d. Assam. e. Poona.

2068. Spirama japonica.

Spirama japonica. Guen.: Noct., iii. 195. 1591 (1852).
——— Walker: xiv. 1320 (1858).
Spirama jinchuena. Butler: Ann. Mag. N. H. (5), xi. p. 115 (1883).
——— Entom., xxvi. p. 293 (1893).
Spirama inæqualis. Butler: Ann. Mag. N. H. (5), xi. p. 116.
Spirama retorta. Leech: (part) Trans. Ent. Soc., Lond., 1889, p. 138

a. Japan.

2069. Spirama triloba.

Spirama triloba. Guen.: Noct., iii. 197. 1595 (1852).
——— Moore: P. Z. S., Lond., 1867, p. 72.
——— Butler: Entom., xxvi. p. 293 (1893).
Spiramia triloba. Walker: xiv. 1321 (1858).
——— C. and S.: Cat. Moths of India, iii. 392. 2562 (1888).

Spiramia triloba. Hmn.: Ill. Typ. Lep. Het., B. M., viii. 20. 545 (1891); ix. 25. 603 (1893).
Hypopyra mollis. Guen.: l. c., 198. 1596.
———— Walker: xiv. 1325.
Spirama modesta. Moore: Descr. Ind. Lep. Atk., p. 168 (1882).
———— Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 72.
Spiramia modesta. Cotes and Swinh.: l. c., 2560.
Spirama rosacea. Butler: Ill. Typ. Lep. Het., B. M., vii. p. 78, pl. 132, f. 9, 10 (1889).

Type (*modesta*). Silhet, in coll. Staudinger.
Type (*rosacea*). Dharmsala, in B. M.
a. India (2).

GENUS **HYPOPYRA.** Guen.: Noct., iii. p. 198 (1852).

2070. Hypopyra vespertilio.

Noctua vespertilio. Fabr.: Mant. Ins., ii. 136. 16 (1787).
———— Ent. Syst., iii. (2), 15. 23 (1794).
Phalæna vespertilio. Gmel.: ed. Syst. Nat., i. (5), 2531. 977 (1787).
Hypopyra vespertilio. Guen.: l. c., 199. 1598.
———— Walker: xiv. 1326 (1858).
———— Moore: P. Z. S., Lond., 1867, p. 73.
———— Swinhoe: P. Z. S., Lond., 1885, p. 463.
———— C. and S.: Cat. Moths of India, iii. 393. 2572 (1888).
———— Leech: P. Z. S., Lond., 1889, p. 545.
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 242; 1895, p. 72.
———— Hmn.: Ill. Typ. Lep. Het., B. M., viii. 20. 548 (1891); ix. 25. 605 (1893).
———— Butler: Entom., xxvi. p. 353 (1893).
———— Hmn.: (part) Faun. Brit. Ind. Moths, ii. p. 554 (1894).
Hypopyra shiva. Guen.: l. c., 199. 1597.
———— Walker: xiv. 1326.
———— Cotes and Swinh.: l. c., 2570.
Hypopyra extricans. Walker: xiv. 1328.
———— Warren: P. Z. S., Lond., 1888, p. 315.
———— S. and C.: l. c., vi. 757. 2563 A (1889).
Hypopyra pandia. Felder: Reise Nov. Lep., pl. 115, f. 12 (1873).
———— Cotes and Swinh.: l. c., iii. 393. 2567.
Hypopyra pallida. Moore: P. Z. S., Lond., 1883, p. 26.
———— Lep. Ceylon, iii. p. 151, pl. 166, f. 1, 1*a* (1885).
———— Cotes and Swinh.: l. c., 2566.
———— Hmn.: Ill. Typ. Lep. Het., B. M., ix. 25. 604 (1893).
Hypopyra distans. Moore: Descr. Ind. Lep. Atk., p. 169 (1882).
———— Cotes and Swinh.: l. c., 392. 2563.

Type (*extricans*). N. China, in B. M.
Type (*pandia*). India, in coll. Rothschild.
Type (*distans*). Bombay, in B. M.
a. India (5). b. Indore (3) (Hearsay). c. Silhet. d. Amoy, China. e. Japan (2).

2071. Hypopyra feniseca.

Hypopyra feniseca. Guen.: Noct., iii. 200. 1599 (1852).
———— Walker: xiv. 1327 (1858).
———— Moore: P. Z. S., Lond., 1867, p. 73.
———— Druce: P. Z. S., Lond., 1877, p. 642.
———— C. and S.: Cat. Moths of India, iii. 392. 2564 (1888).
———— Butler: Entom., xxvi. p. 353 (1893).

a. India (2).

Genus **ENMONODIA.** Walker: xiv. 1332 (1858).

2072. Enmonodia pudens.

Hypopyra pudens. Walker: xiv. 1329.
———— C. and S.: Cat. Moths of India, iii. 393. 2569 (1888).
Spirama pudens. Hampson: Faun. Brit. Ind. Moths, ii. p. 555 (1894).
Enmonodia pudens. Butler: Entom., xxvi. p. 353 (1893).
Enmonodia hypopyroides. Walker: xiv. 1333.
Hypopyra grandæva. Felder: Reise Nov. Lep., pl. 115, f. 11 (1873).
Hypopyra persimilis. Moore: P. Z. S., Lond., 1877, p. 608.
———— Cotes and Swinh.: l. c., 2568.

Type. India? in B. M.
Type (*hypopyroides*). Without locality, in B. M.
Type (*grandæva*). Malacca, in coll. Rothschild.
Type (*persimilis*). Andamans, in B. M.
a. Singapore (2).

Genus **MAXULA.** Walker: xxxiii. 1096 (1865).

2073. Maxula unistrigata.

Hypopyra unistrigata. Guen.: Noct., iii. 201. 1601 (1852).
———— Walker: xiv. 1327 (1858).
———— Moore: P. Z. S., Lond., 1867, p. 73.
———— C. and S.: Cat. Moths of India, iii. 393. 2571 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 242.
Maxula unistrigata. Butler: Entom., xxvi. 354 (1893).
———— Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 72.
Spirama unistrigata. Hampson: Faun. Brit. Ind. Moths, ii. p. 555 (1894).
Angerona pœusaria. Walker: xx. 243 (1860).
Maxula idonea. Walker: xxxiii. 1096.

Types (*pœusaria* and *idonea*). India, in B. M.
a. India. b. Darjiling. c. Silhet.

Genus **METOPTA.** nov.

♂ Palpi, upturned, well clothed, with the second joint reaching vertex of head, third joint nearly as long as the second, fairly clothed; thorax and abdomen smoothly clothed with hair; fore-legs with thick long hair, mid- and hind-legs nearly naked; mid- and hind-tibiæ spined, with long prominent terminal spines in the former; antennæ bipectinated to the tips, branches rather long in the middle;

vein five of both wings from just above lower angle of cell, nearly touching it: cells short.

Type (*Spiramia rectifasciata*). Mén.

2074. Metopta rectifasciata.

Spiramia rectifasciata. Mén.: Mus. Petr., pl. 17, f. 6 (1857).
Spirama rectifasciata. Butler: P. Z. S., Lond., 1877, p. 816.
Calliodes rectifasciata. Leech: P. Z. S., Lond., 1889, p. 545.
——————— Trans. Ent. Soc., Lond., 1889, p. 139.
Spirama interlineata. Butler: Ann. Mag. N. H. (5), p. 291 (1878).
——————— Ill. Typ. Lep. Het., B. M., ii. p. 41, pl. 34, f. 2 (1878).

Type (*interlineata*). Yokohama, in B. M.
a. Japan (3).

GENUS **ENCYCLOMMA.** Butler: Entom., xxvi. p. 292 (1893).

2075. Encyclomma orbigera.

Calliodes orbigera. Guen.: Noct., iii. 193. 1589 (1852).
——————— Walker: xiv. 1317 (1858).

a. New Holland. b. Port Essington. c. New South Wales. d. Queensland.

2076. Encyclomma castalia.

Bombyx castalia. Fabr.: Syst. Ent., 559. 13 (1775).
——————— Sp. Ins., ii. 171. 23 (1781).
——————— Mant. Ins., ii. 110. 26 (1787).
——————— Ent. Syst., iii. (1), 416. 31 (1793).
——————— Oliv.: Enc. Méth. Ins., v. 32. 34 (1791).
Phalæna-Bombyx Attacus castalia. Gmel.: ed. Syst. Nat., i. (5), 2407. 484 (1787).
Teara (?) *castalia.* Walker: vii. 1783 (1856).
Encyclomma castalia. Butler: Entom., xxvi. p. 293 (1893).
Calliodes saturatior. Walker: xiv. 1318 (1858).

Type (*saturatior*). Moreton Bay, in B. M.
a. Moreton Bay. b. Queensland. c. Richmond River (2).

2077. Encyclomma rubripicta.

Calliodes rubripicta. Butler: Ent. Mo. Mag., xi. p. 77 (1873).

Type. Moreton Bay, in B. M.
a. E. Australia (2). b. Moreton Bay.

2078. Encyclomma lanipes.

Calliodes lanipes. Butler: Ent. Mo. Mag., xiv. p. 109 (1876).
——————— Waterhouse: Aid., i. pl. 48 (1881).
——————— Furbr.: Semon's Forschungsreise, v. pl. 13, f. 11 (1895).

Type. Queensland, in B. M.
a. Australia (2).

Sub-Family OPHIDERINÆ.

Genus **PHYLLODES.** Boisd.: Voy. de l'Astrolabe, Lep., p. 246 (1832).

2079. Phyllodes conspicillator.

Phalæna conspicillator. Cram.: Pap. Exot., ii. p. 1, pl. 97, f. A, B (1779).
Phyllodes conspicillator. Boisd.: l. c.
——————— Atlas Ent. Lep., pl. 5, f. 4 (1833).
——————— Guen.: Noct., iii. 122. 1495 (1852).
——————— Walker: (part) xiii. 1233 (1857).
——————— Butler: Ann. Mag. N. H. (5), xi. p. 427 (1883).
Phyllodes conspicillatrix. Hübn.: Verz., 265. 2601 (1816).
Phyllodes inspicillator. Guen.: l. c., 121. 1496.
——————— Walker: xiii. 1233.

a. Amboina (Wallace). b. Batchian (Wallace).

2080. Phyllodes verhuellii.

Phyllodes verhuellii. Voll.: Tijd. voor Ent., i. p. 166, pl. 8 (1857).
——————— Butler: Ann. Mag. N. H. (5), xi. p. 427 (1883).
——————— Moore: Journ. As. Soc. Beng., lv. (2), p. 100 (1886).
——————— C. and S.: Cat. Moths of India, iii. 380. 2491 (1888).
——————— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 239.

a. Sumatra (Wallace).

2081. Phyllodes consobrina.

Phyllodes consobrina. Westw.: Cab. Or. Ent., p. 57, pl. 28, f. 2 (1848).
——————— Walker: xiii. 1232 (1857).
——————— Moore: P. Z. S., Lond., 1867, p. 68; 1877, p. 608.
——————— Butler: Ann. Mag. N. H. (5), xi. p. 427 (1883).
——————— C. and S.: Cat. Moths of India, iii. 379. 2485 (1888).
——————— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 379; 1895, p. 72.
——————— Hmn.: Ill. Typ. Lep. Het., B. M., ix. 25. 585 (1893).
——————— (part) Faun. Brit. Ind. Moths, ii. p. 558 (1894).
Bombyx conspicillator. Fabr. (nec Cram.): Ent. Syst., iii. 412. 14 (1793).
Phyllodes perspicillator. Guen.: Noct., iii. 120. 1494 (1852).
——————— Lucas: Bull. Soc. Ent. Fr. (5), vi. p. 163 (1877).
Phyllodes maligera. Butler: Ent. Mo. Mag., xx. p. 138 (1883).
——————— Moore: Lep. Ceylon, iii. p. 137, pl. 163, f. 2, 2*a* (1885).
——————— Cotes and Swinh.: l. c., 2487.

Type (*maligera*). Ceylon, in B. M.
a. India (3). b. Silhet (2).

2082. Phyllodes ustulata.

Phyllodes ustulata. Westw.: Cab. Or. Ent., p. 57, pl. 28, f. 1 (1848).
——————— Walker: xiii. 1233 (1857).
——————— Moore: P. Z. S., Lond., 1867, p. 68.
——————— Butler: Ann. Mag. N. H. (5), xi. p. 426 (1883).
——————— C. and S.: Cat. Moths of India, iii. 380. 2490 (1888).

Phyllodes ustulata. Hampson: Faun. Brit. Ind. Moths, ii. p. 557 (1894).
———— Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 72.
Phyllodes despicillator. Guen.: Noct., iii. 122. 1497 (1852).

a. India.

2083. Phyllodes endhovii.

Phyllodes endhovii. Voll.: Tijd. voor Ent., ii. p. 86, pl. 6 (1858).
———— Butler: Ann. Mag. N. H. (5), xi. p. 426 (1883).
———— Hampson: Faun. Brit. Ind. Moths, ii. p. 557 (1894).
Phyllodes semilinea. Walker: Journ. Linn. Soc., Lond., vii. p. 176 (1864).
———— xxxiii. 937 (1865).
Phyllodes fasciata. Moore: P. Z. S., Lond., 1867, p. 69.
C. and S.: Cat. Moths of India, iii. 379. 2486 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 72.

Type (*fasciata*). Bengal, in coll. Russell.

a. Sarawak, Borneo (type *semilinea*) (Wallace). b. Sumatra (Wallace).

GENUS **MINIODES.** Guen.: Noct., iii. p. 119 (1852).

2084. Miniodes ornata.

Phyllodes ornata. Moore: Descr. Ind. Lep. Atk., p. 166 (1882).
———— C. and S.: Cat. Moths of India, iii. 379. 2488 (1888).
Miniodes ornata. Hampson: Faun. Brit. Ind. Moths, ii. p. 556 (1894).

Type. Darjiling, in coll. Staudinger.

a. Darjiling.

GENUS **OPHIDERES.** Boisd.: Faun. Ent. Madag. Lep., p. 99 (1834).

Adris. Moore: Trans. Zool. Soc., Lond., 1881, p. 69.

Khadira. Moore: l. c.

Purbia. Moore: l. c., p. 70.

Argadesa. Moore: l. c., p. 74.

2085. Ophideres fullonica.

Phalæna-Noctua fullonica. Linn.: Syst. Nat., ii. 812. 16 (1759).
Phalæna fullonica. Clerck: Icones, pl. 48 (1764).
Ophideres fullonica. Guen.: Noct., iii. 111. 1477 (1852).
———— Walker: xiii. 1477 (1857).
———— Moore: P. Z. S., Lond., 1867, p. 68; 1877, p. 607.
———— Leech: P. Z. S., Lond., 1889, p. 544.
———— Trans. Ent. Soc., Lond., 1889, p. 137.
———— Meyrick: Trans. Ent. Soc., Lond., 1889, p. 474.
———— Butler: P. Z. S., Lond., 1892, p. 127.
———— Hampson: Faun. Brit. Ind. Moths, ii. p. 560 (1894).
———— Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 72.
Othreis fullonica. Moore: Trans. Zool. Soc., Lond., 1881, p. 64, pl. 12, f. 1, 1 *a*; pl. 13, f. 1, 1 *a* (larva).
———— Lep. Ceylon, iii. p. 131 (1885).

Othreis fullonica. Swinhoe: P. Z. S., Lond., 1885, p. 463; 1886, p. 450.
———— Moore: Journ. As. Soc., Beng., lv. (2), p. 100 (1886).
———— C. and S.: Cat. Moths of India, iii. 377. 2477 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 239.
———— Hampson: Ill. Typ. Lep. Het., B. M., viii. 19. 523 (1891); ix. 24. 581 (1893).
Noctua discoreæ. Fabr.: Syst. Ent., p. 593 (1775).
———— Sp. Ins., ii. 212. 15 (1781).
———— Mant. Ins., ii. 137. 19 (1787).
———— Ent. Syst., iii. (2), 16. 26 (1794).
Corycia discoreæ. Hübn.: Verz., 265. 2600 (1816).
Ophideres discoreæ. Butler: P. Z. S., Lond., 1879, p. 164.
Phalæna-Noctua cajeta. Cram.: Pap. Exot., i. pl. 30, f. A, B, C (1779).
Corycia cajeta. Hübn.: Verz., 265. 2599.
Ophideres cajeta. Guen.: l. c., 112. 1478.
———— Walker: xiii. 1223.
———— Moore: P. Z. S., Lond., 1867, p. 68.
———— Swinhoe: l. c., 1895, p. 73.
Othreis cajeta. Moore: Trans. Zool. Soc., Lond., 1881, p. 67, pl. 13, f. 2, 2*a*.
———— Lep. Ceylon, iii. p. 132, pl. 162, f. 1, 1*a* (1885).
———— Swinhoe: P. Z. S., Lond., 1885, p. 463.
———— Cotes and Swinh.: l. c., 376. 2476.
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 239.
———— Hmn.: l. c., ix. 24. 580.
Phalæna-Noctua pomona. Cram.: Pap. Exot., i. pl. 77, f. C (1779).
Othreis pomona. Hübn.: Verz., 264. 2596.
Ophideres multiscripta. Walker: xiii. 1226.

Type (*multiscripta*). Ceylon, in B. M.
a. India (4). **b.** Indore (7) (Hearsay). **c.** Assam. **d.** Silhet. **e.** Singapore. **f.** Ceram (2) (Wallace). **g.** Amboina (Wallace). **h.** Makian, Celebes (Wallace). **i.** Fiji (2). **j.** E. Australia. **k.** Richmond River.

2086. Ophideres ancilla.

Phalæna-Noctua ancilla. Cram.: Pap. Exot., ii. pl. 147, f. F (1779).
Ophideres ancilla. Guen.: Noct., iii. 114. 1482 (1852).
———— Walker: xiii. 1224 (1857).
———— Hampson: Faun. Brit. Ind. Moths, ii. p. 559 (1894).
Othreis ancilla. Moore: Trans. Zool. Soc., Lond., 1881, p. 67, pl. 12, f. 2, 2*a*; pl. 13, f. 3, 3*a* (larva).
———— Lep. Ceylon, iii. p. 132, pl. 161, f. 3, 3*a*, *b* (larva) (1885).
———— Swinhoe: P. Z. S., Lond., 1885, p. 463.
———— C. and S.: Cat. Moths of India, iii. 376. 2475 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 238.
———— Hampson: Ill. Typ. Lep. Het., B. M., viii. 19. 522 (1891); ix. 24. 579 (1893).
Ophiusa strigata. Don.: Ins. Ind., pl. 54, f. 2 (1803).
Othreis homæna. Hübn.: Verz., 264. 2597 (1816).
Ophideres bilineosa. Walker: xiii. 1227.

Type (*bilineosa*). Ceylon, in B. M.
a. India (3). **b.** Indore (8) (Hearsay). **c.** Nilgiri Hills (3). **d.** Poona. **e.** Ceylon.

2087. Ophideres smaragdipicta.

Ophideres smaragdipicta. Walker : xiii. 1229 (1857).

a. Singapore (type) (Wallace).

2088. Ophideres tyrannus.

Ophideres tyrannus. Guen. : Noct., iii. 110. 1476 (1852).
——— Walker : xiii. 1224 (1857).
——— Leech : P. Z. S., Lond., 1889, p. 544.
——— Trans. Ent. Soc., Lond., 1889, p. 137.
——— Hampson : Faun. Brit. Ind. Moths, ii. 562 (1894).
Adris tyrannus. Moore : Trans. Zool. Soc., Lond., 1881, p. 69, pl. 13, f. 5.
——— C. and S. : Cat. Moths of India, iii. 378. 2483 (1888).

a. India (3).

2089. Ophideres discrepans.

Ophideres discrepans. Walker : xiii. 1227 (1857).
——— Hampson : Faun. Brit. Ind. Moths, ii. p. 563 (1894).
Purbia discrepans. Moore : Trans. Zool. Soc., Lond., 1881, p. 71, pl. 14, f. 1.
——— C. and S. : Cat. Moths of India, iii. 379. 2484 (1888).
Ophideres archon. Felder : Reise Nov. Lep., pl. 113, f. 3 (1873).

Type (*archon*). Siam, in coll. Rothschild.

a. Singapore (type) (Wallace). b. Sumatra (Wallace). c. Without locality (Cantor).

2090. Ophideres aurantia.

Ophideres aurantia. Moore : P. Z. S., Lond., 1877, p. 607.
——— Butler : P. Z. S., Lond., 1892, p. 127.
——— Hmn. : (part) Faun. Brit. Ind. Moths, ii. p. 592 (1894).
Khadira aurantia. Moore : Trans. Ent. Soc., Lond., 1881, p. 69, pl. 13, f. 4.
——— C. and S. : Cat. Moths of India, iii. 378. 2481 (1888).

Type. S. Andamans, in B. M.

a. Cape Yorke.

2091. Ophideres salaminia.

Phalæna-Noctua salaminia. Cram. : Pap. Exot., ii. pl. 174, f. A (1779).
Noctua salaminia. Fabr. : Ent. Syst., iii. (2), 17. 28 (1794).
Mænas salaminia. Hübn. : Verz., 264. 2592 (1816).
——— Moore : Trans. Zool. Soc., Lond., 1881, p. 71, pl. 12, f. 3, 3 *a*, 3 *b* ; pl. 14, f. 2 (larva).
——— Lep. Ceylon, iii. p. 134, pl. 161. f. 1, 1 *a*, 1 *b* (larva) (1885).
——— C. and S. : Cat. Moths of India, iii. 377. 2478 (1888).
——— Hmn. : Ill. Typ. Lep. Het., B. M., viii. 19. 524 (1891) ; ix. 25. 582 (1893).
Ophideres salaminia. Guen. : Noct., iii. 115. 1484 (1852).
——— Walker : xiii. 1225 (1857).
——— Moore : P. Z. S., Lond., 1867, p. 68.
——— Leech : Trans. Ent. Soc., Lond., 1889, p. 137.
——— Scott : Austral. Lep., ii. pl. 11 (1890).
——— Hmn. : Faun. Brit. Ind. Moths, ii. p. 559 (1894).
——— Swinhoe : Trans. Ent. Soc., Lond., 1895, p. 72.

a. India. b. Indore (Hearsay). c. Ceylon (4). d. Silhet. e. Cambodia, Siam (2) (Mouhot). f. Makian, Celebes (Wallace). g. Bouru (Wallace).

2092. Ophideres materna.

Phalæna-Noctua materna. Linn.: Syst. Nat., ii. 840. 117 (1759).
——— Drury: Ins., ii. p. 24, pl. 13, f. 4 (1773).
——— Cram.: Pap. Exot., ii. pl. 174, f. B (1779); iii. pl. 267, f. E (1782).
Noctua materna. Fabr.: Sp. Ins., ii. 212. 16 (1781).
——— Mant. Ins., ii. 137. 20 (1787).
——— Ent. Syst., iii. (2), 16. 27 (1794).
Rhytia materna. Hübn.: Verz., 264. 2594 (1816).
Ophideres materna. Boisd.: Faun. Ent. Madag. Lep., p. 100 (1834).
——— Guen.: Noct., iii. 113. 1480 (1852).
——— Walker: xiii. 1221 (1857).
——— Moore: P. Z. S., Lond., 1867, p. 68.
——— Butler: P. Z. S., Lond., 1884, p. 498.
——— Hmn.: Faun. Brit. Ind. Moths, ii. p. 561 (1894).
——— P. Z. S., Lond., 1896, p. 265.
Triphæa materna. Westw.: ed. Drury, ii. p. 26, pl. 63, f. 4 (1837–42).
——— Nat. Libr. Exot. Moths, xxxii. p. 201, pl. 25, f. 2 (1858).
Argadesa materna. Moore: Trans. Zool. Soc., Lond., 1881, p. 74, pl. 12 f. 4, 4 *a*, *b*, *c*, *d*; pl. 14, f. 3, 3 *a* (larva).
——— Lep. Ceylon, iii. p. 133, pl. 161, f. 2 (1885).
——— Swinhoe: P. Z. S., Lond., 1885, p. 463; 1886, p. 450.
——— C. and S.: Cat. Moths of India, iii. 376. 2474 (1888).
——— Hmn.: Ill. Typ. Lep. Het., B. M., ix. 24. 578 (1893).
Noctua hybrida. Fabr.: Syst. Ent., 593. 11 (1775).

a. India (4). b. Indore (7) (Hearsay). c. Amoy, China. d. Moreton Bay.

2093. Ophideres hypermnestra.

Phalæna-Noctua hypermnestra. Cram.: Pap. Exot., iv. pl. 323, f. A, B (1782).
Rhytia hypermnestra. Hübn.: Verz., 264. 2595 (1816).
——— Moore: Trans. Zool. Soc., Lond., 1881, p. 73, pl. 12, f. 6; pl. 14, f. 4, 4 *a* (larva).
——— Lep. Ceylon, iii. p. 135, pl. 162, f. 3, 3 *a* (1885).
——— Swinhoe: P. Z. S., Lond., 1885, p. 463.
——— Moore: Journ. As. Soc. Beng., lv. (2), p. 100 (1886).
——— C. and S.: Cat. Moths of India, iii. 378. 2480 (1888).
——— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 239.
——— Hmn.: Ill. Typ. Lep. Het., B. M., viii. 19. 525 (1891); ix. 25. 583 (1893).
Ophideres hypermnestra. Guen.: Noct., iii. 116. 1486 (1852).
——— Walker: xiii. 1225 (1857).
——— Moore: P. Z. S., Lond., 1867, p. 68; 1877, p. 608.
——— Butler: P. Z. S., Lond., 1881, p. 619.
——— Hmn.: Faun. Brit. Ind. Moths, ii. p. 562 (1894).
——— Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 73.

a. India (3). b. Assam. c. Silhet. d. Nilgiri Hills (2). e. Ceylon.

Sub-Family CALPINÆ.

Genus **CALPE**. Treit.: Schm. Eur., v. (2), p. 138 (1825).
Calyptra. Ochs.: Schm. Eur., iv. p. 78 (1816) (præocc.).
Hypocalpe. Butler: P. Z. S., Lond., 1883, p. 157.

2094. Calpe ophideroides.

Calpe ophideroides. Guen.: Noct., ii. 374. 1228 (1852).
———— Walker: xii. 959 (1857).
———— C. and S.: Cat. Moths of India, ii. 181. 1221 (1887).
———— Hampson: Faun. Brit. Ind. Moths, ii. p. 564 (1894).

a. India. b. Kulu (2).

2095. Calpe bicolor.

Calpe bicolor. Moore: P. Z. S., Lond., 1883, p. 19.
———— Waterhouse: Aid., ii. pl. 150, f. 4 (1884).
———— Cotes and Swinh.: Cat. Moths of India, ii. 181. 1218 (1887).
———— Hampson: Faun. Brit. Ind. Moths, ii. p. 564 (1894).

Type. Solon, Simla, in B. M.
a. India.

Genus **ORÆSIA**. Guen.: Noct., ii. p. 362 (1852).

2096. Oræsia emarginata.

Noctua emarginata. Fabr.: Ent. Syst., iii. (2), 82. 240 (1794).
Oræsia emarginata. Guen.: l. c., 363. 1203.
———— Walker: xii. 944 (1857).
———— Moore: P. Z. S., Lond., 1867, p. 63.
———— Dewitz.: Verh. L. C. Ak., xlii. p. 80, pl. 3, f. 9 (1881).
———— Moore: Lep. Ceylon, iii. p. 76, pl. 153, f. 2, 2 *a* (larva) (1884).
———— Swinhoe: P. Z. S., Lond., 1885, p. 301; 1886, p. 439.
———— Butler: Ill. Typ. Lep. Het., B. M., vi. p. 26, pl. 107, f. 4 (1886).
———— C. and S.: Cat. Moths of India, ii. 182. 1225 (1887).
———— Leech: P. Z. S., Lond., 1889, p. 529.
———— Swinhoe: Trans. Ent. Soc., Lond., 1891, p. 190; 1895, p. 73.
———— Hmn.: Ill. Typ. Lep. Het., B. M., viii. 8. 221 (1891); ix. 21. 479 (1893).
Calpe emarginata. Hampson: Faun. Brit. Ind. Moths, ii. p. 564 (1894).
Oræsia metallescens. Guen.: l. c., 364. 1205.
———— Walker: xii. 945.
Oræsia alliciens. Walker: xii. 945.
Oræsia tentans. Walker: xii. 945.

Types (*alliciens* and *tentans*). N. India, in B. M.
a. India. b. Indore (4) (Hearsay). c. Bombay.

2097. Oræsia excavata.

Calpe excavata. Butler: Ann. Mag. N. H. (5), i. p. 202 (1878).
——————— Ill. Typ. Lep. Het., B. M., ii. p. 35, pl. 32, f. 1 (1878).
——————— Leech: Trans. Ent. Soc., Lond., 1889, p. 136.
——————— P. Z. S., Lond., 1889, p. 529.

Type. Yokohama, in B. M.

a. Japan. b. Yohohama (2) (Sansom). c. Amoy, China.

2098. Oræsia rectistria.

Oræsia rectistria. Guen.: Noct., ii. 363. 1204 (1852).
——————— Walker: xii. 944 (1857).
——————— Moore: P. Z. S., Lond., 1867, p. 63.
——————— Butler: Ann. Mag. N. H. (5), i. p. 203 (1878).
——————— C. and S.: Cat. Moths of India, ii. 182. 1227 (1887).
——————— Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 73.
Calpe rectistria. Hampson: Faun. Brit. Ind. Moths, ii. p. 565 (1894).

a. India (2). b. Silhet.

Genus **CULASTA.** Moore: P. Z. S., Lond., 1881, p. 376.

2099. Culasta indecisa.

Culasta indecisa. Moore: l. c., p. 377.
——————— Descr. Ind. Lep. Atk., p. 151 (1882).
——————— C. and S.: Cat. Moths of India, ii. 183. 1232 (1887).
Calpe indecisa. Hampson: Faun. Brit. Ind. Moths, ii. p. 566 (1894).

Type. Madras, in B. M.

a. Indore (Hearsay).

2100. Culasta minuticornis.

Calpe minuticornis. Guen.: Noct., ii. 374. 1230 (1852).
——————— Walker: xii. 959 (1857).
——————— Moore: P. Z. S., Lond., 1867, p. 63; 1883, p. 19.
——————— Lep. Ceylon, iii. p. 78, pl. 153, f. 3, 3 *a* (larva) (1884).
——————— C. and S.: Cat. Moths of India, ii. 181. 1220 (1887).
——————— Hampson: Ill. Typ. Lep. Het., B. M., viii. 8. 219 (1891); ix. 20. 477 (1893).
——————— Faun. Brit. Ind. Moths, ii. p. 565 (1894).
Culasta minuticornis. Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 73.

a. India. b. Indore (Hearsay).

Genus **PSEUDOCALPE.** Hampson: Faun. Brit. Ind. Moths, ii. p. 566 (1894).

2101. Pseudocalpe angulifera.

Bankia angulifera. Moore: P. Z. S., Lond., 1881, p. 373.
——————— C. and S.: Cat. Moths of India, iii. 289. 1853 (1888).
Pseudocalpe angulifera. Hampson: l. c.
Dabarita icterica. Swinhoe: P. Z. S., Lond., 1886, p. 439, pl. 40, f. 8.
——————— Cotes and Swinh.: l. c., ii. 168. 1117 (1887).

Anthophila innubila. Swinhoe: l. c., p. 447.
———— Cotes and Swinh.: l. c., iii. 294. 1885.
Calpe bifasciata. Hampson: Ill. Typ. Lep. Het., B. M., viii. p. 61, pl. 141, f. 11 (1891).

Type. N. W. Himalayas, in B. M.
Types (*icterica* and *innubila*). Mhow, in B. M.
Type (*bifasciata*). Nilgiri Hills, in B. M.
a. Indore (5) (Hearsay).

GENUS **ECCOPTEROMA.** Staud.: Rom. Mem., vi. p. 506 (1892).

2102. Eccopteroma falcata.

Calymnia falcata. Græs.: Berl. ent. Zeit., 1889, p. 257.
Eccopteroma falcata. Staud.: l. c., pl. 7, f. 10.
a. N. China.

SUB-FAMILY PLUSIINÆ.

GENUS **PLUSIA.** Ochs.: Schm. Eur., iv. p. 89 (1816).

2103. Plusia orichalcea.

Noctua orichalcea. Fabr.: Sp. Ins., ii. 227. 92 (1781).
Diachrysia orichalcea. Hübn.: Verz., 252. 2495 (1816).
Plusia orichalcea. Treit.: Schm. Eur., v. iii. 173. 16 (1826).
———— Walker: xii. 890 (1858) (other references).
———— Hampson: Faun. Brit. Ind. Moths, ii. p. 573 (1894).
Noctua chryson. Esper.: Schm. Eur., iv. pl. 141, f. 2 (1786).
Phalæna-Noctua chrysitina. Martyn: Psyche, pl. 21 (1797).
Plusia chrysitina. Moore: Lep. Ceylon, iii. p. 70, pl. 152, f. 7 (1884).
———— Forsayeth: Trans. Ent. Soc., Lond., 1884, p. 411, pl. 14, f. 13, 13 *a* (larva).
———— C. and S.: Cat. Moths of India, iii. 331. 2155 (1888).
———— Leech: P. Z. S., Lond., 1889, p. 531.
———— Hampson: Ill. Typ. Lep. Het., B. M., viii. 15. 423 (1891); ix. 20. 456 (1893).
———— Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 74.
———— Butler: Entom., xxix. p. 282 (1896).
Noctua ærifera. Sowerby: Brit. Misc., pl. 29 (1806).
Noctua aurifera. Hübn.: Eur. Schm., pl. 98, f. 463 (1823).
Plusia aurifera. Treit.: l. c., 168. 14.
———— Walker: xii. 892 (other references).

a. Indore (8) (Hearsay). b. Java. c. Malang, Java.

2104. Plusia nigrisigna.

Plusia nigrisigna. Walker: xii. 928 (1857).
———— Butler: P. Z. S., Lond., 1883, p. 162.
———— Ill. Typ. Lep. Het., B. M., vi. p. 36, pl. 110, f. 4 (1886).
———— C. and S.: Cat. Moths of India, iii. 333. 2168 (1888).
———— Hampson: Faun. Brit. Ind. Moths, ii. p. 570 (1894).
———— Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 74.

Type. N. India, in B. M.
a. Kulu.

2105. Plusia eriosoma.

Plusia eriosoma. Double: Dieffenbach's New Zealand, i. p. 285 (1843).
——— Walker: xii. 933 (1857).
——— Hampson: (part) Faun. Brit. Ind. Moths, ii. p. 569 (1894).
——— Butler: Entom., xxvii. p. 214 (1894).
——— Hampson: P. Z. S., Lond., 1896, p. 265.
Plusia verticillata. Guen.: Noct., ii. 344. 1168 (1852).
——— Walker: xii. 923.
——— Moore: P. Z. S., Lond., 1867, p. 62.
——— Butler: P. Z. S., Lond., 1880, p. 677; 1881, p. 618.
——— Moore: Lep. Ceylon, iii. p. 70, pl. 152, f. 6 (1884).
——— Swinhoe: P. Z. S., Lond., 1884, p. 519; 1885, p. 457; 1886, p. 447.
——— C. and S.: Cat. Moths of India, iii. 335. 2180 (1888).
——— Leech: P. Z. S., Lond., 1889, p. 531.
——— Swinh.: Trans. Ent. Soc., Lond., 1890, p. 228; 1895, p. 74.
——— Hampson: Ill. Typ. Lep. Het., B. M., viii. 16. 427 (1891); ix. 20. 467 (1893).
——— Froggatt: Agric. Gaz., N. S. W., viii. p. 45, f. 2 (1897).
Plusia adjuncta. Walker: xxxiii. 840 (1865).

Type (*adjuncta*). Moreton Bay, in B. M.

a. Indore (9) (Hearsay). b. Bombay (2). c. Ceram (Wallace). d. Sarawak, Borneo (Wallace). e. Sydney.

2106. Plusia argentifera.

Plusia argentifera. Guen.: Noct., ii. 352. 1186 (1852).
——— Walker: xii. 932 (1858).

a. New South Wales (4).

2107. Plusia confusa.

Plusia confusa. Moore: Descr. Ind. Lep. Atk., p. 149 (1882).
——— C. and S.: Cat. Moths of India, iii. 332. 2158 (1888).
——— Hampson: Ill. Typ. Lep. Het., B. M., viii. 15. 424 (1891).
——— Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 73.
Plusia limbirena. Hmn.: (part) Faun. Brit. Ind. Moths, ii. p. 568 (1894).

Type. Darjiling, in coll. Staudinger.

a. India. b. Indore (3) (Hearsay).

2108. Plusia limbirena.

Plusia limbirena. Guen.: Noct., ii. 350. 1179 (1852).
——— Walker: xii. 921 (1857).
——— Moore: Lep. Ceylon, iii. p. 72, pl. 152, f. 5 (1884).
——— C. and S.: Cat. Moths of India, iii. 333. 2165 (1888).
——— Hampson: Ill. Typ. Lep. Het., B. M., viii. 16. 434 (1891); ix. 20. 460 (1893).
——— (part) Faun. Brit. Ind. Moths, ii. p. 568 (1894).
——— Butler: Entom., xxvii. p. 214 (1894).

a. Nilgiri Hills (3) (Cardew).

2109. Plusia obtusisigna.

Plusia obtusisigna. Walker: xii. 930 (1857).
——— Moore: Lep. Ceylon, iii. p. 71, pl. 152, f 1, 1*a* (larva) (1884).

Plusia obtusisigna. Swinhoe: P. Z. S., Lond., 1885, p. 458.
———— C. and S.: Cat. Moths of India, iii. 334. 2169 (1888).
———— Hampson: Ill. Typ. Lep. Het., B. M., viii. 16. 430 (1891); ix. 20. 463 (1893).
———— Faun. Brit. Ind. Moths, ii. p. 570 (1894).

Type. Ceylon, in B. M.
a. Indore (6) (Hearsay).

2110. Plusia extrahens.

Plusia extrahens. Walker: xii. 929 (1857).
———— Swinhoe: P. Z. S., Lond., 1884, p. 519; 1885, p. 458; 1886, p. 447.
———— Trans. Ent. Soc., Lond., 1885, p. 351.
———— C. and S.: Cat. Moths of India, iii. 333. 2161 (1888).
———— Hmn.: Ill. Typ. Lep. Het., B. M., viii. 16. 433 (1891).
Plusia significans. Walker: xii. 930.
———— Cotes and Swinh.: l. c., 335. 2178.
Plusia ni. Hampson: (part) Faun. Brit. Ind. Moths, ii. p. 570 (1894).
———— Butler: Entom., xxix. p. 281 (1896).

Type. N. India, in B. M.
Type (*significans*). Punjab, in B. M.
a. Indore (4) (Hearsay).

2111. Plusia furcifera.

Plusia furcifera. Walker: xii. 927 (1857).
———— Moore: P. Z. S., Lond., 1867, p. 62.
———— Hampson: Ill. Typ. Lep. Het., B. M., viii. 15. 425 (1891); ix. 20. 469 (1893).
———— Faun. Brit. Ind. Moths, ii. p. 568 (1894).
———— Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 74.
Plusia signata. C. and S.: (part) Cat. Moths of India, iii. 334. 2177 (1888).
Plusia mutans. Walker: xxxiii. 839 (1865).
———— Moore: Lep. Ceylon, iii. p. 74 (1884).
———— Cotes and Swinh.: l. c., 333. 2166.
———— Hmn.: Ill. Typ. Lep. Het., B. M., ix. p. 101, pl. 162, f. 5 (1893).

Type. N. India, in B. M.
Type (*mutans*). Ceylon, in B. M.
a. India (2). b. Indore (Hearsay).

2112. Plusia signata.

Noctua signata. Fabr.: Ent. Syst., iii. (2) 81. 234 (1794).
Plusia signata. Guen.: Noct., ii. 345. 1171 (1852).
———— Walker: xii. 926 (1857).
———— Moore: P. Z. S., Lond., 1867, p. 62.
———— Lep. Ceylon, iii. p. 71, pl. 152, f. 4 (1884).
———— Swinhoe: P. Z. S., Lond., 1885, p. 458.
———— C. and S.: (part) Cat. Moths of India, iii. 334. 2177 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 228; 1895, p. 74.
———— Hmn.: (part) Faun. Brit. Ind. Moths, ii. p. 568 (1894).

a. Khasia Hills (6).

2113. Plusia integra.

Plusia integra. Walker: xii. 931 (1857).
———— C. and S.: Cat. Moths of India, iii. 333. 2163 (1888).

a. India (type).

2114. Plusia agramma.

Plusia agramma. Guen.: Noct., ii. 327. 1136 (1852).
———— Walker: xii. 926 (1857).
———— Moore: P. Z. S., Lond., 1867, p. 62.
———— Lep. Ceylon, iii. p. 72, pl. 152, f. 3, 3*a* (larva) (1884).
———— Swinhoe: P. Z. S., Lond., 1885, p. 458.
———— C. and S.: Cat. Moths of India, iii. 331. 2153 (1888).
———— Leech: P. Z. S., Lond., 1889, p. 530.
———— Hmn.: Ill. Typ. Lep. Het., B. M., ix. 20. 455 (1893).
———— Faun. Brit. Ind. Moths, ii. p. 574 (1894).
———— Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 74.
———— Butler: Entom., xxix. p. 282 (1896).
Plusia inchoata. Walker: xxxiii. 841 (1865).

Type (*inchoata*). Australia, in B. M.

a. Nikko, Japan. b. Queensland. c. Cherra Punji.

2115. Plusia anargyra.

Plusia anargyra. Guen.: Noct., ii. 351. 1183 (1852).
———— Walker: xii. 926 (1857).
———— Butler: Entom., xxvii. p. 216 (1894).
———— Hampson: Faun. Brit. Ind. Moths, ii. p. 575 (1894).
Plusia spoliata. Walker: xii. 923.
———— Hampson: Ill. Typ. Lep. Het., B. M., viii. 16. 432, pl. 149, f. 7 (1891); ix. 20. 468 (1893).
———— Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 74.
Plusia reticulata. Moore: Descr. Ind. Lep. Atk., p. 148 (1882).
———— C. and S.: Cat. Moths of India, iii. 334. 2175 (1888).

Type (*spoliata*). Congo, in B. M.
Type (*reticulata*). Darjiling, in coll. Staudinger.

a. Ceylon.

2116. Plusia tetragona.

Plusia tetragona. Walker: xii. 932 (1857).
———— C. and S.: Cat. Moths of India, iii. 335. 2179 (1888).
———— Hmn.: (part) Faun. Brit. Ind. Moths, ii. p. 574 (1894).
Plusia semivitta. Moore: P. Z. S., Lond., 1867, p. 63, pl. 6, f. 13.
———— Cotes and Swinh.: l. c., 334. 2176.

a. India (type).

2117. Plusia purissima.

Plusia purissima. Butler: Ann. Mag. N. H. (5), i. p. 202 (1878).
———— Ill. Typ. Lep. Het., B. M., ii. p. 35, pl. 31, f. 11 (1878).
———— Leech: P. Z. S., Lond., 1889, p. 533.
Plusia tetragona. Hmn.: (part) Faun. Brit. Ind. Moths, ii. p. 574 (1894).

Type. Yokohama, in B. M.

a. Japan.

2118. Plusia lectula.

Prodenia lectula. Walker: xv. 1679 (1858); xxxii. 654 (1865).
——————— Moore: P. Z. S., Lond., 1867, p. 51.
Plusia lectula. Moore: Lep. Ceylon, iii. p. 73, pl. 146, f. 2 (1884).
——————— C. and S.: Cat. Moths of India, iii. 333. 2164 (1888).
——————— Hampson: Ill. Typ. Lep. Het., B. M., viii. 16. 434 (1891); ix. 20. 458 (1893).
——————— Faun. Brit. Ind. Moths, ii. p. 576 (1894).
Plusia kalitura. Felder: Reise Nov. Lep., pl. 110, f. 24 (1872).

Type. Kanara, in B. M.
Type (*kalitura*). Ceylon, in coll. Rothschild.
a. Indore (Hearsay).

2119. Plusia impulsa.

Plusia impulsa. Walker: xxxiii. 838 (1865).
——————— Moore: Lep. Ceylon, iii. p. 74 (1884).
——————— C. and S.: Cat. Moths of India, iii. 333. 2162 (1888).
——————— Hmn.: Ill. Typ. Lep. Het., B. M., ix. p. 100, pl. 162, f. 11 (1893).
——————— Faun. Brit. Ind. Moths, ii. p. 573 (1894).

Type. Ceylon, in coll. Layard.
a. Ceylon.

Genus **DEVA.** Walker: xii. 962 (1857).

2120. Deva chalsytoides.

Plusiodonta chalsytoides. Guen.: Noct., ii. 360. 1201 (1852).
——————— Walker: xii. 937 (1857); xxxiii. 841 (1865).
——————— Moore: P. Z. S., Lond., 1867, p. 63.
——————— Lep. Ceylon, iii. p. 75, pl. 153, f. 1, 1 *a* (larva) (1884).
——————— C. and S.: Cat. Moths of India, iii. 335. 2182 (1888).
——————— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 228.
——————— Hampson: Ill. Typ. Lep. Het., B. M., viii. 16. 438 (1891); ix. 20. 470 (1893).
Deva chalsytoides. Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 74.
Deva conducens. Walker: xii. 963.
Plusiodonta conducens. Moore: P. Z. S., Lond., 1877, p. 605.
——————— Swinhoe: P. Z. S., Lond., 1885, p. 458.
Plusia agens. Felder: Reise Nov. Lep., pl. 110, f. 32 (1872).
Plusiodonta cælonota. Hmn.: (part) Faun. Brit. Ind. Moths, ii. p. 577 (1894).

Type (*conducens*). Ceylon, in B. M.
Type (*agens*). Bengal, in coll. Rothschild.
a. India (2). b. Amoy, China.

2121. Deva auripicta.

Plusiodonta auripicta. Moore: Descr. Ind. Lep. Atk., p. 150 (1882).
——————— C. and S.: Cat. Moths of India, iii. 335. 2181 (1888).
——————— Leech: P. Z. S., Lond., 1889, p. 535.
——————— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 228.
Deva auripicta. Swinhoe: l. c., 1895, p. 74.

Type. Cherra Punji, in B. M.
a. Khasia Hills (Hamilton).

GENUS **DIASTEMA**. Guen.: Noct., ii. p. 317 (1852).

2122. Diastema virgo.

Plusia virgo. Treit.: Schm. Eur., x. 2. 130 (1834).
———— Dup.: Suppl., iv. p. 521, pl. 90 (1842).
———— Eversm.: Faun. Volg-Ural, p. 313 (1844).
———— Herr. Schäff.: Schm. Eur., ii. pl. 49, f. 248, 249 (1845).
Diastema virgo. Guen.: l. c.
———— Walker: xii. 879 (1857).
———— Leech: P. Z. S., Lond., 1889, p. 534.

a. Japan.

SUB-FAMILY TINOLIINÆ.

GENUS **TINOLIUS**. Walker: iii. 621 (1855).

2123. Tinolius eburneigutta.

Tinolius eburneigutta. Walker: iii. 621.
———— Moore: P. Z. S., Lond., 1878, p. 851.
———— Lep. Ceylon, iii. p. 185, pl. 171, f. 10, 10*a* (larva) (1885).
———— C. and S.: Cat. Moths of India, ii. 122. 773 (1887).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 185.
———— Hmn.: Ill. Typ. Lep. Het., B. M., viii. 6. 141 (1891); ix. 27. 670 (1893).
———— Faun. Brit. Ind. Moths, ii. p. 578 (1894).

Type. Ceylon, in B. M.
a. Ceylon (9).

2124. Tinolius quadrimaculatus.

Tinolius quadrimaculatus. Walker: xxxi. 281 (1864).
———— Hmn.: Faun. Brit. Ind. Moths, ii. p. 579 (1894).
———— Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 75.
Tinolius zinga. Swinh.: Trans. Ent. Soc., Lond., 1890, p. 185, pl. 6, f. 12.

Type (*zinga*). Beeling, Burma, in B. M.
a. Cambodia, Siam (type) (Mouhot). b. Laos, Siam (Mouhot).
c. Silhet (2). d. India (5).

2125. Tinolius hypsana.

Tinolius hypsana. Swinhoe: P. Z. S., Lond., 1889, p. 405.
———— Hampson: Faun. Brit. Ind. Moths, ii. p. 579 (1894).
———— Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 75.

Type. Khasia Hills, in B. M.
a. India (3).

SUB-FAMILY CALESIINÆ.

GENUS **PASIPEDA**. Walker: xv. 1794 (1858).

2126. Pasipeda hæmorrhoa.

Calesia hæmorrhoa. Guen.: Noct., iii. 258. 1683 (1852).
———— Moore: Journ. As. Soc., Beng., lv. (2), p. 101 (1886).

Calesia hæmorrhoa. Hampson : Faun. Brit. Ind. Moths, ii. p. 579 (1894).
Pasipeda hæmorrhoa. Moore : Lep. Ceylon, iii. p. 183 (1885).
——————— Swinhoe : Trans. Ent. Soc., Lond., 1895, p. 75.
Calesia hæmorrhoda. Walker : xiv. 1409 (1858).
Pasipeda hæmorrhoda. C. and S. : Cat. Moths of India, iii. 405. 2638 (1888).
——————— Swinhoe : Trans. Ent. Soc., Lond., 1890, p. 245.
——————— Hampson : Ill. Typ. Lep. Het., B. M., viii. 21. 570 (1891) ; ix. 26. 635 (1893).
Calesia patna. Felder : Reise Nov. Lep., pl. 117, f. 17 (1873).

Type (*patna*). Bengal, in coll. Rothschild.
a. Indore (3) (Hearsay).

2127. Pasipeda satellita.

Pasipeda satellita. Moore : Lep. Ceylon, iii. p. 184, pl. 171, f. 6, 6 *a* (larva) (1885).
——————— Swinhoe : P. Z. S., Lond., 1885, p. 467.
——————— C. and S. : Cat. Moths of India, iii. 405. 2640 (1888).
——————— Hampson : Ill. Typ. Lep. Het., B. M., ix. 26. 637 (1893).
Calesia satellita. Hampson : Faun. Brit. Ind. Moths, ii. p. 580 (1894).

Type. Ceylon, in B. M.
a. Ceylon (2). b. Indore (2) (Hearsay). c. Bombay (2).

GENUS **CALESIA.** Guen. : Noct., iii. p. 257 (1852).

2128. Calesia dasyptera.

Erebus dasypterus. Koll. : Hügel's Kaschmir, iv. p. 476 (1844).
Calesia dasyptera. Moore : Lep. Ceylon, iii. p. 182 (1885).
——————— C. and S. : Cat. Moths of India, iii. 406. 2642 (1888).
——————— Swinhoe : Trans. Ent. Soc., Lond., 1890, p. 246 ; 1895, p. 75.
——————— Hmn. : Ill. Typ. Lep. Het., B. M., viii. 21. 573 (1891) ; ix. 26. 642 (1893).
——————— Faun. Brit. Ind. Moths, ii. p. 580 (1894).
Erebus leucostigma. Koll. : l. c.
Calesia leucostigma. Moore : l. c, pl. 171, f. 5.
——————— Journ. As. Soc., Beng., lv. (2), p. 101 (1886).
Calesia comosa. Guen. : l. c., p. 258, pl. 21, f. 7.
——————— Walker : xiv. 1408 (1858).
——————— Moore : P. Z. S., Lond., 1867, p. 75.
Calesia stigmaleuca. Guen. : l. c., 258. 1685.
——————— Walker : xiv. 1409.

a. India (4).

2129. Calesia pellio.

Calesia pellio. Felder : Reise Nov. Lep., pl. 117, f. 19 (1873).
——————— Haase : Iris, i. p. 175 (1887).

Type. Amboina, in coll. Rothschild.
a. N. Guinea (Wallace). b. Batchian (Wallace).

Family **FOCILLIDÆ.**

Genus **ARÆOGNATHA.** Hampson: Ill. Typ. Lep. Het., B. M., ix. p. 129 (1893).

2130. Aræognatha cineracea.

Psimada cineracea. Butler: Ill. Typ. Lep. Het., B. M., iii. p. 27, pl. 47, f. 4 (1879).
———— Leech: P. Z. S., Lond., 1889, p. 554.
Mecodina cineratia. Hampson: Faun. Brit. Ind. Moths, iii. p. 3 (1895).
Egnasia costipannosa. Moore: Descr. Ind. Lep. Atk., p. 184 (1882).
———— C. and S.: Cat. Moths of India, iii. 420. 2735 (1888).

Type. Yokohama, in B. M.
Type (*costipannosa*). Darjiling, in coll. Staudinger.
a. India. b. Khasia Hills (3).

2131. Aræognatha placida.

Bertula placida. Moore: Descr. Ind. Lep. Atk., p. 194 (1882).
———— C. and S.: Cat. Moths of India, iii. 453. 2981 (1888).
Mecodina placida. Hampson: Faun. Brit. Ind. Moths, iii. p. 4 (1895).

Type. Darjiling, in coll. Staudinger.
a. Nilgiri Hills. b. Khasia Hills (2).

Genus **MARCILLADA.** Walker: xxxiii. 980 (1865).
Nasaya. Moore: Descr. Ind. Lep. Atk., p. 173 (1882).

2132. Marcillada rubricosa.

Marcillada rubricosa. Walker: xxxiii. 981.
Nasaya hepatica. Moore: l. c.
———— C. and S.: Cat. Moths of India, iii. 354. 2319 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 232.
Mecodina hepatica. Hampson: Faun. Brit. Ind. Moths, iii. p. 5 (1895).

Type (*hepatica*). Darjiling, in coll. Staudinger.
a. Cambodia, Siam (type) (Mouhot). b. India.

Genus **BŒTHANTHA.** Walker: xxxiii. 982 (1865).
Seneratia. Moore: Lep. Ceylon, iii. p. 202 (1885).

2133. Bœthantha bisignata.

Bœthantha bisignata. Walker: xxxiii. 983.
Ctypansa bocanidia. Butler: Ann. Mag. N. H. (5), x. p. 231 (1882).

Type (*bocanidia*). Duke of York Island, in B. M.
a. Timor (type) (Wallace). b. Ceylon.

2134. Bœthantha præcipua.

Thermesia præcipua. Walker: xxxiii. 1056 (1865).
———— Moore: P. Z. S., Lond., 1867, p. 77.
Seneratia præcipua. Moore: Lep. Ceylon, iii. p. 203, pl. 173, f. 2, 2 *a* (1885).
———— C. and S.: Cat. Moths of India, iii. 425. 2775 (1888).

Seneratia præcipua Hmn.: Ill. Typ. Lep. Het., B. M., viii. 22. 615 (1891); ix. 28. 698 (1893).
Mecodina præcipua. Hampson: Faun. Brit. Ind. Moths, iii. p. 6 (1895).
Marmorinia nara. Felder: Reise Nov. Lep., pl. 120, f. 47 (1873).

Type (*præcipua*). Ceylon, in B. M.
Type (*nara* ♀). Amboina, in coll. Rothschild.
a. Gilolo (Doherty).

Genus **PANTURA.** Moore: Lep. Ceylon, iii. 247 (1885).

2135. Pantura ophiusalis.

Bocana ophiusalis. Walker: xvi. 173 (1858).
Pantura ophiusalis. Moore: l. c., pl. 177, f. 4.
———— C. and S.: Cat. Moths of India, iii. 456. 3007 (1888).
———— Hmn.: Ill. Typ. Lep. Het., B. M., ix. 32. 811 (1893).
Mecodina ophiusalis. Hampson: Faun. Brit. Ind. Moths, iii. p. 6 (1895).

Type. Ceylon, in B. M.
a. India.

Genus **ZETHES.** Ramb.: Ann. Soc. Ent. Fr., 1833, p. 29.
Marmorinia. Guen.: Noct., iii. p. 370 (1852).
Saraca. Walker: xxxiv. 1190 (1865).
Tamba. Walker: Char. Undescr. Het., p. 94 (1869).
Obdora. Walker: l. c., p. 95.

2136. Zethes curtalis.

Egnasia curtalis. Walker: xxxiv. 1177.
———— Butler: Ann. Mag. N. H. (5), xi. p. 116 (1883).
Saraca disruptalis. Walker: xxxiv. 1190.

Type. Shanghai, in B. M.
Type (*disruptalis*). Shanghai, in B. M.
a. N. China (2).

2137. Zethes perturbans.

Zethes perturbans. Walker: xv. 1525 (1858).
———— Moore: P. Z. S., Lond., 1867, p. 79.
———— C. and S.: Cat. Moths of India, iii. 418. 2717 (1888).
———— Hmn.: Faun. Brit. Ind. Moths, iii. p. 9 (1895).
———— Butler: Entom., xxix. p. 280 (1896).
Egnasia trimantesalis. Walker: xvi. 220 (1858).
———— Moore: P. Z. S., Lond., 1867, p. 80.
———— Cotes and Swinh.: l. c., 419. 2725.
Saraca trimantesalis. Butler: Trans. Ent. Soc., Lond., 1881, p. 581.
———— Leech: P. Z. S., Lond., 1889, p. 567.
Pangrapta costæmacula. Staud.: Stett. Ent. Zeit., 1888, p. 282.
———— Alph.: Rom. Mem. Lep., vi. p. 620, pl. 13, f. 9 (1892).
Thermesia recusata. Walker: MS.

Type. Silhet, in B. M.
Type (*trimantesalis*). Silhet, in B. M.
a. Singapore. b. N. China.

2138. Zethes athemonalis. Pl. IV. f. 1.

Egnasia athemonalis. Walker: xvi. 222 (1858).

a. Sarawak, Borneo (type) (Wallace).

2139. Zethes hylaxalis. Pl. III. f. 20.

Egnasia hylaxalis. Walker: xvi. 222 (1858).

a. Sarawak, Borneo (type) (Wallace).

2140. Zethes parsimonalis. Pl. IV. f. 18.

Egnasia (?) *parsimonalis.* Walker: xvi. 224 (1858).

a. Sarawak, Borneo (type) (Wallace).

2141. Zethes aviusalis. Pl. IV. f. 10.

Egnasia aviusalis. Walker: xvi. 221 (1858).

a. Sarawak, Borneo (type) (Wallace).

2142. Zethes metagona. Pl. IV. f. 2.

Thermesia metagona. Walker: Journ. Linn. Soc., Lond., vii. p. 185 (1864).
———————— xxxiii. 1037 (1865).

a. Sarawak, Borneo (type) (Wallace).

2143. Zethes vaga.

Thermesia vaga. Walker: xxxiii. 1057 (1865).
Egnasia vaga. Moore: P. Z. S., Lond., 1867, p. 80.
———————— C. and S.: Cat. Moths of India, iii. 421. 2744 (1888).
Zethes vaga. Hampson: Faun. Brit. Ind. Moths, iii. p. 9 (1895).
Egnasia cinerea. Butler: Ill. Typ. Lep. Het., B. M., vii. p. 89, pl. 135, f. 1 (1891).

Type. Silhet, in B. M.
Type (*cinerea*). Dharmsala, in B. M.
a. Khasia Hills (6).

2144. Zethes incisa.

Pangrapta incisa. Staud.: Stett. Ent. Zeit., 1888, p. 278.
———————— Alph.: Rom. Mem. Lep., vi. p. 619, pl. 13, f. 6 (1892).

a. N. China (2).

2145. Zethes basiscripta.

Rusicada (?) *basiscripta.* Walker: Journ. Linn. Soc., Lond., vii. p. 72 (1864).
———————— xxxiii. 865 (1865).
Zanclognatha mindora. Felder: Reise Nov. Lep., pl. 120, f. 27 (1873).
Zethes rufipennis. Hmn.: Trans. Ent. Soc., Lond., 1895, p. 307.
———————— Faun. Brit. Ind. Moths, iv. App. 536 (1896).

Type (*mindora*). Sarawak, in coll. Rothschild.
Type (*rufipennis*). Bhutan, in B. M.
a. Sarawak, Borneo (type) (Wallace).

2146. Zethes lineifera.

Ephyrodes lineifera. Walker: xxxiii. 1070 (1865).
Zethes lineifera. Moore: Lep. Ceylon, iii. p. 192, pl. 172, f. 5 (1885).

Zethes lineifera. C. and S.: Cat. Moths of India, iii. 418. 2716 (1888).
———— Hampson: Ill. Typ. Lep. Het., B. M., ix. 28. 678 (1893).
———— Faun. Brit. Ind. Moths, iii. p. 12 (1895).
Egnasia albidalis. Walker: xxxiv. 1178 (1865).
Zethes sondaicus. Snellen: Tijd. voor Ent., 1877, p. 38, pl. 2, f. 1ɣ.
Hamida ligniplanalis. Walker: MS.

Type. Ceylon, in B. M.

a. Ceram (type *albidalis*) (Wallace). b. Sarawak, Borneo (Wallace).

2147. Zethes lala. nov. Pl. IV. f. 8.

Of a uniform greyish pink, a broad black band from base to outer margin along the middle of fore-wings; a black spot at end of cell and another beyond it, a single black sub-basal line acutely angled outwards in its middle; two black prominent lines close together from costa one-third from apex, to hinder margin beyond the middle, acutely angled outwards above the middle, almost touching a black sub-marginal line, and extending through the middle of the hind-wings to the abdominal margin near the anal angle; these lines are very prominent, straight, and not the least sinuated.

Expanse of wings $1\frac{6}{10}$ inches.

a. Singapore (Horsley).

Allied to, but quite distinct from, *Z. lineifera.* It is a handsome insect.

GENUS **EGNASIA.** Walker: xvi. 216 (1858).
Matella. Moore: Lep. Ceylon, iii. p. 196 (1885).

2148. Egnasia ephyrodalis.

Egnasia ephyrodalis. Walker: xvi. 217.
———— Moore: P. Z. S., Lond., 1867, p. 80.
———— C. and S.: Cat. Moths of India, iii. 420. 2736 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 254.
———— Hampson: Ill. Typ. Lep. Het., B. M., viii. 22. 604 (1891); ix. 28. 683 (1893).
———— (part) Faun. Brit. Ind. Moths, iii. p. 15 (1895).

Type. N. India, in B. M.

a. Ceylon. b. Nilgiri Hills (2).

2149. Egnasia khasiana.

Egnasia khasiana. Moore: Descr. Ind. Lep. Atk., p. 184 (1882).
———— C. and S.: Cat. Moths of India, iii. 420. 2737 (1888).

Type. Khasia Hills, in B. M.

a. Khasia Hills (8).

2150. Egnasia rectilinea.

Egnasia rectilinea. Swinh.: MS. Hmpn. Faun. Brit. Ind. Moths, iii. p. 16 (1895).
———— Swinhoe: Ann. Mag. N. H. (6), xv. p. 14 (1895).

Type. Shilling, in B. M.

a. Khasia Hills.

2151. Egnasia accingalis.

Egnasia accingalis. Walker: xvi. 218 (1858).
———— Hampson: Faun. Brit. Ind. Moths, iii. p. 16 (1895).
Matella accingalis. Moore: Lep. Ceylon, iii. p. 196, pl. 172, f. 7 (1885).
———— C. and S.: Cat. Moths of India, iii. 421. 2745 (1888).
———— Hampson: Ill. Typ. Lep. Het., B. M., viii. 22. 607 (1891); ix. 28. 690 (1893).
Matella caduca. Swinhoe: P. Z. S., Lond., 1885, p. 470, pl. 28, f. 9.
———— Cotes and Swinh.: l. c., 2746.

Type. Ceylon, in B. M.
Type (*caduca*). Poona, in B. M.
a. Nilgiri Hills.

2152. Egnasia binorbiculata.

Egnasia binorbiculata. Moore: Lep. Ceylon, iii. p. 194, pl. 172, f. 6 (1885).
———— C. and S.: Cat. Moths of India, iii. 420. 2732 (1888).
———— Hmn.: Ill. Typ. Lep. Het., B. M., ix. 28. 681 (1893).

Type. Ceylon, in B. M.
a. Ceylon.

2153. Egnasia minereusalis. Pl. IV. f. 5.

Egnasia minereusalis. Walker: xvi. 223 (1858).

a. Sarawak, Borneo (type) (Wallace).

2154. Egnasia celenoalis. Pl. IV. f. 21.

Egnasia celenoalis. Walker: xvi. 249 (1858).

a. Sarawak, Borneo (type) (Wallace).

2155. Egnasia ruficeps.

Egnasia ruficeps. Hmn.: Faun. Brit. Ind. Moths, iv. App., p. 537 (1896).

Type. Ceylon, in B. M.
a. Nilgiri Hills.

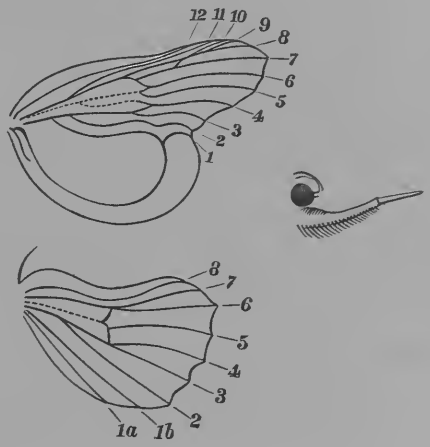
Genus SPECTROPHYSA. nov.

♂ Fore-wing with the costa strongly arched at base and before apex, slightly sinuate between, outer margin incurved below vein 4 to vein 2 where it joins the hinder margin which is curved so as to form almost a semicircle, broader than the upper half of the wing, and containing a similarly shaped, large, semi-hyaline space, limited below by vein 1, which is curved parallel to the hinder margin of the wing; cell not quite half the length of the wing, discocellular sinuous; vein 2 from before middle of cell, irregularly contorted and reaching outer margin at the incision; 3 from before end of cell, 4 from the end; 5 from a little above the lower end, 6 from the upper third of discocellulars, both curved downwards at origin; 7, 8, and 9 stalked, 10 anastomosing with 8 and 9; 11 free and from before middle of cell; all the veins slightly curved.

Hind-wing with costa sinuous, strongly shouldered at base, the apex subtruncate, outer margin rounded and waved; veins 3 and 4, and 6 and 7 from the angles of cell; 5 from below the middle; 8 curved, parallel to the costal margin: palpi porreit, long; the second joint hairy below; the third half as long as the second, slender and accuminate.

2156. Spectrophysa distorta. nov.

♂ Fore-wings dull yellowish ochreous, finely irrorated with brown: lines dark brown: 1st sinuous from costa at one-fourth to hinder marginal third; touching near base of cell an irregular ocelloid brown-edged spot: 2nd from middle of costa to three-fourths of hinder margin, touching a double hyaline white, brown-edged somewhat 8-shaped mark below the discocellulars: 3rd from two-thirds of costa, curved inwards to near base of discal spot and then approaching second line, then diverging to anal angle; the space beyond the discal mark, except on costa, and the whole of the space beyond third line, suffused with brownish: the marginal space outside the strongly curved sub-median vein also more or less suffused with brown, cilia varied with brown and ochreous; the semicircular space between the median and sub-median veins semi-hyaline, whitish, crossed by three dark transverse lines.



Hind-wing with the ochreous ground colour, nearly wholly suffused with brownish, especially along costal space, two dark brown crenulate lines, medial and post-medial, the space between them, towards inner margin paler: a pale spot on discocellulars; cilia pale, mottled with brown beyond the ends of the veins and with a slightly darker basal line.

Face and collar white, palpi, thorax, and abdomen pale brown; the abdomen with white segmental rings, legs and underside of abdomen white.

Expanse of wings, $1\frac{6}{10}$ inches.

a. Borneo (type).

Genus **THROANA.** Walker: xvi. 224 (1858).

2157. Throana amyntoralis. Pl. iv. f. 20.

Throana amyntoralis. Walker: xvi. 225.

a. Sarawak, Borneo (type) (Wallace).

Genus **SANDAVA.** Walker: xxvi. 1623 (1862).

2158. Sandava xylistis. Meyrick, MS.

♂ ♀ Ochreous grey, suffused with pale chestnut colour, abdomen with segmental bands, black, white, and chestnut; the last two the most prominent: fore-wing with chestnut brown spots on the costa; an antemedial transverse brown sinuous line, much curved outwardly, a similar post-medial line; which is continued across the centre of the hind-wings, where it has a straight brown short line on a grey area just above it: outer area of both wings chestnut brown, with a sinuous submarginal whitish line, running through it on both wings; a marginal sinuous brown line: cilia variegated white and chestnut brown.

Expanse of wings, $1\frac{2}{10}$ inches.

a. Queensland (type ♂). b. Van Diemen's Land (type ♀).

The female is paler than the male and less ochreous.

Genus **CAPNODES.** Guen.: Noct., iii. p. 374 (1852).

Corsa. Walker: xiii. 1101 (1857).

Saroba. Walker: xxxiii. 1096 (1865).

Dunira. Moore: Lep. Ceylon, iii. p. 206 (1885).

2159. Capnodes finipalpis.

Thermesia finipalpis. Walker: xv. 1574 (1858).
Capnodes finipalpis. Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 257.
——— Hampson: Ill. Typ. Lep. Het., B. M., ix. p. 116, pl. 166, f. 1, 8 (1893).
——— Faun. Brit. Ind. Moths, iii. p. 20 (1895).
Capnodes (?) *maculicosta.* Walker: xv. 1608.
——— Moore: l. c., p. 211.
——— C. and S.: Cat. Moths of India, iii. 426. 2778 (1888).
——— Butler: P. Z. S., Lond., 1892, p. 128.

Type. Ceylon, in B. M.

Type (*maculicosta*). Ceylon, in B. M.

a. Sarawak, Borneo (2) (Wallace).

2160. Capnodes antecedens.

Thermesia antecedens. Walker: Journ. Linn. Soc., Lond., vii. p. 184 (1864).
——— xxxiii. 1037 (1865).

a. Sarawak, Borneo (type) (Wallace).

2161. Capnodes inconclusa.

Cosmophila (?) *inconclusa.* Walker: Journ. Linn. Soc., Lond., vii. p. 77 (1864).
——— xxxiii. 860 (1865).

Capnodes rufescens. Moore: P. Z. S., Lond., 1877, p. 612.
———— C. and S.: Cat. Moths of India, iii. 426. 2781 (1888).
———— Hampson: Faun. Brit. Ind. Moths, iii. p. 20 (1895).

Type (*rufescens*). Andaman Islands, in B. M.
a. Sarawak, Borneo (type) (Wallace). b. Andaman Islands.

2162. Capnodes discontenta.

Thermesia discontenta. Walker: Journ. Linn. Soc., Lond., vii. p. 185 (1864).
———— xxxiii. 1037 (1865).

a. Sarawak, Borneo (type) (Wallace).

Genus **DIOMEA.** Walker: xiii. 1109 (1857).
Zigera. Walker: Journ. Linn. Soc., Lond., vi. p. 182 (1862).

2163. Diomea fabularis.

Capnodes fabularis. Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 257.
Diomea fabularis. Hmn.: Faun. Brit. Ind. Moths, iii. p. 23 (1895).
Thermesia hypenoides. Walker: MS.

Type. Rangoon, in B. M.
a. China.

2164. Diomea orbifera. Pl. III. f. 22.

Zigera orbifera. Walker: Journ. Linn. Soc., Lond., vi. p. 182 (1862).
———— xxxii. 637 (1865).

a. Sarawak, Borneo (type) (Wallace).

2165. Diomea absorbens. Pl. III. f. 14.

Corsa absorbens. Walker: Journ. Linn. Soc., Lond., vii. p. 166 (1864).
———— xxxiii. 899 (1865).

a. Sarawak, Borneo (type) (Wallace).

Genus **MIXTILA,** nov. nom.
Pinacia. Walker: xix. 919 (1859) (præocc.).

2166. Mixtila molybdænalis.

Pinacia molybdænalis. Hübn.: Samml. Exot. Schm., iii. 13, f. 435, 436 (1832).
———— Walker: xv. 920 (1858); xxxiv. 1213 (1865).
———— Butler: P. Z. S., Lond., 1883, p. 371.
Pinacia plumbealis. Walker: xxxiv. 1213 (1865).

a. Makian, Celebes (type *plumbealis*) (Wallace).

Genus **AVITTA.** Walker: xv. 1674 (1858).
Osca. Walker: Journ. Linn. Soc., Lond., vii. p. 73 (1864).
Oroba. Walker: l. c., p. 84.
Asta. Walker: l. c., p. 170.

2167. Avitta subsignans.

Avitta subsignans. Walker: xv. 1675.
———— C. and S.: Cat. Moths of India, iii. 457. 3013 (1888).

Avitta subsignans. Hampson: Ill. Typ. Lep. Het., B. M., viii. 25. 699 (1891); ix. p. 132, pl. 167, f. 7 (1893).
——————— Faun. Brit. Ind. Moths, iii. p. 28 (1895).
Oroba surrigens. Walker: Journ. Linn. Soc., Lond., vii. p. 81.
——————— xxxiii. 874 (1865).
Avitta fasciosa. Moore: Descr. Ind. Lep. Atk., p. 194, pl. 6, f. 26 (1882).
——————— Cotes and Swinh.: l. c., 456. 3011.

Type. Kanara, in B. M.
Type (*fasciosa*). Khasia Hills, in coll. Staudinger.
a. Sarawak, Borneo (type *surrigens*) (Wallace). b. Flores (Wallace). c. Sula (Wallace). d. Aru (Wallace).

2168. Avitta guttulosa. Pl. III. f. 6.

Osca guttulosa. Walker: Journ. Linn. Soc., Lond., vii. p. 73 (1864).
——————— xxxiii. 846 (1865).

Type. Sarawak, Borneo, in B. M.
a. Sumatra (Wallace). b. Singapore.

2169. Avitta quadrilinea.

Asta quadrilinea. Walker: Journ. Linn. Soc., Lond., vii. p. 171 (1864).
——————— xxxiii. 901 (1865).
——————— C. and S.: Cat. Moths of India, iii. 461. 3044 (1888).
——————— Hampson: Ill. Typ. Lep. Het., B.M., viii.26. 715 (1891).
Avitta quadrilinea. Hampson: Faun. Brit. Ind. Moths, iii. p. 29 (1895).
Bocana quadrilinealis. Moore: P. Z. S., Lond., 1867, p. 88.
——————— Cotes and Swinh.: l. c., 455. 3004.

Type (*quadrilinealis*). Darjiling, in coll. Staudinger.
a. Sarawak, Borneo (type) (Wallace).

GENUS **Ugia.** Walker: xv. 1860 (1858).
Sarthida. Walker: Journ. Linn. Soc., Lond., vii. p. 80 (1864).

2170. Ugia disjungens. Pl. III. f. 7.

Ugia disjungens. Walker: xv. 1861.
——————— C. and S.: Cat. Moths of India, iii. 432. 2830 (1888).
Sarthida signifera. Walker: Journ. Linn. Soc., Lond., vii. p. 81.
——————— xxxiii. 874 (1865).

a. Singapore (type) (Wallace). b. Sarawak, Borneo (type *signifera*) (Wallace).

GENUS **DIERNA.** Walker: xvi. 204 (1858).
Nahara. Walker: xxxiii. 1004 (1865).

2171. Dierna acanthusalis.

Dierna acanthusalis. Walker: xvi. 205.
——————— Moore: Lep. Ceylon, iii. p. 188, pl. 171, f. 9 (1885).
——————— C. and S.: Cat. Moths of India, iii. 354. 2320 (1888).
——————— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 232.
——————— Hampson: Ill. Typ. Lep. Het., B. M., viii. 17. 475 (1891); ix. 22. 524 (1893).
——————— Faun. Brit. Ind. Moths, iii. p. 30 (1895).

Nahara clavifera. Walker: xxxiii. 1004.
Type. N. India, in B. M.
Type (*clavifera*). Moulmein, in B. M.
a. Nilgiri Hills (3).

Genus **RHESALA.** Walker: xv. 1776 (1858).
Enea. Walker: Journ. Linn. Soc., Lond., vii. p. 63 (1864).
Vescisa. Walker: l. c., p. 191.
Raparna. Moore: Descr. Ind. Lep. Atk., p. 177 (1882).
Hingula. Moore: l. c., p. 180.
Byturna. Moore: P. Z. S., Lond., 1883, p. 28.

2172. Rhesala imparata.

Rhesala imparata. Walker: xv. 1777.
———— C. and S.: Cat. Moths of India, iii. 337. 2191 (1888).
Raparna imparata. Hmn.: (part) Faun. Brit. Ind. Moths, iii. p. 26 (1895).
———— P. Z. S., Lond., 1896, p. 265.
Homoptera diminutiva. Walker: xxxiii. 890 (1865).
Byturna diminutiva. Hampson: Ill. Typ. Lep. Het., B. M., ix. p. 132, pl. 167, f. 19 (1893).
Egnasia erebina. Butler: Ann. Mag. N. H. (5), iv. p. 450 (1879).
Hingula albolunata. Moore: Descr. Ind. Lep. Atk., p. 181.
———— Cotes and Swinhoe: l. c., 417. 2707.
———— Hmn.: l. c., viii. 22. 600 (1891).
Egnasia mœstalis. Warren (nec Walker): P. Z. S., Lond., 1888, p. 317.
———— Swinh. and Cotes: l. c., vi. 702. 2738 A (1889).

Type. Ceylon, in B. M.
Type (*diminutiva*). Without locality, in B. M.
Type (*erebina*). Japan, in B. M.
Type (*albolunata*). Nilgiri Hills, in B. M.
a. Borneo. b. Nilgiri Hills. c. Indore (2) (Hearsay). d. Sula (Wallace).

2173. Rhesala figurata.

Hingula figurata. Moore: Lep. Ceylon, iii. p. 199, pl. 174, f. 10 (1885).
———— C. and S.: Cat. Moths of India, iii. 417. 2709 (1888).
———— Hampson: Ill. Typ. Lep. Het., B. M., viii. 22. 602 (1891); ix. 28. 673 (1893).

Type. Ceylon, in B. M.
a. India (2).

2174. Rhesala nigriceps.

Raparna nigriceps. Hampson: Faun. Brit. Ind. Moths, iii. p. 26 (1895).
Type. Simla, in B. M.
a. Indore (Hearsay).

2175. Rhesala acmonalis.

Hypena acmonalis. Walker: xvi. 231 (1858).
a. Sarawak, Borneo (type) (Wallace).
The type specimen has lost its head.

2176. Rhesala digramma.

Bocana digramma. Walker: xxxiv. 1170 (1865).
Byturna digramma. Moore: P. Z. S., Lond., 1883, p. 29.
——————— Butler: P. Z. S., Lond., 1883, p. 165.
——————— Swinhoe: P. Z. S., Lond., 1884, p. 522.
——————— Moore: Lep. Ceylon, iii. p. 254 (1885).
——————— C. and S.: Cat. Moths of India, iii. 456. 3009 (1888).
——————— Hampson: Ill. Typ. Lep. Het., B. M., viii. 25, 694 (1891); ix. 32. 813 (1893).
Raparna digramma. Hmn.: (part) Faun. Brit. Ind. Moths, iii. p. 24 (1895).
——————— P. Z. S., Lond., 1896, p. 265.
Bocana (?) erubescens. Walker: xxxiv. 1170.
——————— Cotes and Swinh.: l. c., 455. 2998.
Thermesia (?) scitula. Walker: xxxv. 1973 (1866).
Gesonia scitula. Moore: l. c., p. 213, pl. 174, f. 6.
——————— Cotes and Swinh.: l. c., 432. 2827.
Byturna cucullata. Moore: l. c., p. 254.
——————— Swinhoe: l. c., 1885, p. 476.
——————— Cotes and Swinh.: l. c., 456. 3008.

Type. Ceylon, in B. M.
Types (*erubescens* and *scitula*). S. India, in B. M.
Type (*cucullata*). Ceylon, in B. M.
a. Indore (7) (Hearsay).

2177. Rhesala inconcinnalis. Pl. iv. f. 9.

Bocana inconcinnalis. Walker: xxxiv. 1172 (1865).

a. Ceram (type) (Wallace). b. Ceram (Wallace).

2178. Rhesala commoda.

Vescisa commoda. Walker: Journ. Linn. Soc., Lond., vii. p. 191 (1864).
——————— xxxiii. 1092 (1865).
Raparna crenulata. Hmn.: Faun. Brit. Ind. Moths, iv. App. 538 (1896).

Type (*crenulata*). Borneo, in B. M.
a. Sarawak, Borneo (type) (Wallace).

2179. Rhesala stipata.

Nanaguna (?) stipata. Walker: xxvii. 85 (1863).
Hypena stipata. Moore: Lep. Ceylon, iii. p. 227 (1885).
——————— C. and S.: Cat. Moths of India, iii. 444. 2913 (1888).
Byturna stipata. Hmn.: Ill. Typ. Lep. Het., B. M., ix. p. 131, pl. 166, f. 17 (1893).
Raparna stipata. Hampson: Faun. Brit. Ind. Moths, iii. p. 25 (1895).
Xylina perversa. Walker: Journ. Linn. Soc., Lond., vi. p. 195 (1862).
——————— xxxiii. 749 (1865).

Type. Ceylon, in B. M.
a. Sarawak, Borneo (type *perversa*) (Wallace).

2180. Rhesala atrapex.

Raparna atrapex. Hampson: Faun. Brit. Ind. Moths, iii. p. 25 (1895).

Type. Margarita, Assam, in coll. Elwes.
a. Sarawak, Borneo (Wallace).

2181. Rhesala signicosta. Pl. IV. f. 22.

Enea signicosta. Walker: Journ. Linn. Soc., Lond., vii. p. 63 (1864).
——————— xxxiii. 797 (1865).

a. Sarawak, Borneo (type) (Wallace).

2182. Rhesala palpalis.

Ecregma (?) *palpalis.* Walker: xxxiv. 1180 (1865).
Raparna palpalis. Hampson: Faun. Brit. Ind. Moths, iii. p. 27 (1895).

Type. Without locality, in B. M.
a. Sarawak, Borneo (Wallace).

Family **HYPENIDÆ.**

Sub-Family DELTOIDINÆ.

Genus **PROGONIA.** Hampson: Faun. Brit. Ind. Moths, iv. App. p. 538 (1896).

2183. Progonia oileusalis.

Herminia oileusalis. Walker: xvi. 116 (1858).
Amblygoes oileusalis. Butler: P. Z. S., Lond., 1892, p. 129.
Bleptina patronalis. Walker: xix. 873 (1859).
Bleptina fronteialis. Walker: xix. 873.
Madopa (?) *quadristrigata.* Snellen: Tijd. voor Ent., xx. p. 73, pl. 5, f. 7 (1877).
Progonia reniferalis. Hampson: l. c.

Type (*reniferalis*). Ceylon, in B. M.
a. Sarawak, Borneo (type) (Wallace). b. Sarawak (type *patronalis*) (Wallace). c. Sarawak (type *fronteialis*) (Wallace). d. Sarawak (Wallace).

Genus **SIMPLICIA.** Guen.: Delt. et Pyral, p. 51 (1854).
Culicula. Walker: Journ. Linn. Soc., Lond., vii. p. 178 (1864).
Nabartha. Moore: Lep. Ceylon, iii. p. 234 (1885).

2184. Simplicia schaldusalis.

Bocana schaldusalis. Walker: xvi. 180 (1858).
——————— Hmn.: Ill. Typ. Lep. Het., B. M., ix. p. 130, pl. 167, f. 1 (1893).
Simplicia schaldusalis. Hmn.: Faun. Brit. Ind. Moths, iii. p. 35 (1895).
Culicula bimarginata. Walker: Journ. Linn. Soc., Lond., vii. p. 178.
——————— xxxiii. 952 (1865).
——————— Hmn.: Ill. Typ. Lep. Het., B. M., viii. 26. 712 (1891).
Simplicia infausta. Felder: Reise Nov. Lep., pl. 120, f. 45 (1873).
Nabartha marginata. Moore: l. c., pl. 177, f. 2.
——————— C. and S.: Cat. Moths of India, iii. 460. 3040 (1888).
——————— Hampson: l. c., ix. 32. 838 (1893).

Type. Sarawak, Borneo, in B. M.
Type (*infausta*). Sarawak, in coll. Rothschild.
Type (*marginata*). Ceylon, in B. M.
a. Sarawak (type *bimarginata*) (Wallace).

2185. Simplicia marginata.

Bocana marginata. Moore: Descr. Ind. Lep. Atk., p. 195, pl. 6, f. 19 (1882).
———— C. and S.: Cat. Moths of India, iii. 455. 3001 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 265.
———— Hmn.: Ill. Typ. Lep. Het., B. M., viii. 25. 692 (1891); ix. 31. 809 (1893).
Simplicia marginata. Hmn.: Faun. Brit. Ind. Moths, iii. p. 35 (1895).

Type. Darjiling, in coll. Staudinger.
a. India.

2186. Simplicia phædrusalis.

Bocana phædrusalis. Walker: xvi. 180 (1858).

a. Sarawak, Borneo (type) (Wallace).

2187. Simplicia titysusalis. Pl. IV. f. 19.

Bocana titysusalis. Walker: xvi. 183 (1858).

a. Sarawak, Borneo (type) (Wallace).

2188. Simplicia concisalis.

Bocana concisalis. Walker: xxxiv. 1171 (1865).
Bocana murinalis. Moore: P. Z. S., Lond., 1867, p. 89.
———— C. and S.: Cat. Moths of India, iii. 455. 3002 (1888).
———— Hmn.: Ill. Typ. Lep. Het., B. M., viii. 25. 693 (1891).

Type (*murinalis*). Bengal, in B. M.
a. Aru (type) (Wallace). b. Khasia Hills (6).

This is a true *simplicia*; the type specimen is a male.

GENUS **LIBISOSA.** Walker: xvi. 187 (1858).
Aginna. Walker: xxxiii. 1022 (1865).

2189. Libisosa butesalis.

Libisosa butesalis. Walker: xvi. 187.
Simplicia butesalis. Hmn.: (part) Faun. Brit. Ind. Moths, iii. p. 36 (1895).

a. Sarawak, Borneo (type) (Wallace).

Hampson (vol. iii. p. 36) has put this with *concisalis*, Walker, and *murinalis*, Moore, into his first Section: but it is the type of the genus *Libisosa*, with the antennæ knotted and contorted, with a slight tuft of scales at middle; the fore-femora with a tuft of long hair; the sheath of fore-tibiæ very large: the type specimen is a male.

2190. Libisosa robustalis.

Herminia robustalis. Guen.: Delt. et Pyral., 58. 66 1854).
———— Walker: xvi. 113 (1858).
Aginna robustalis. Moore: Lep. Ceylon, iii. p. 234, pl. 177, f. 1, 1 *a* (1885).
———— C. and S.: Cat. Moths of India, iii. 458. 3021 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 267.
———— Hmn.: Ill. Typ. Lep. Het., B. M., viii. 25. 704 (1891).
———— (part) l. c., ix. 32. 827 (1893).

Simplicia robustalis. Hmn.: Faun. Brit. Ind. Moths, iii. p. 36 (1895).
Sophronia (?) *cæneusalis.* Walker: xvi. 94.
Simplicia cænealis. Meyrick: Trans. Ent. Soc., Lond., 1889, p. 478.
Bocana turpatalis. Walker: xvi. 174.
Aginna turpatalis. Swinhoe: l. c., 1884, p. 353.
Bocana concoloralis. Walker: xxxiv. 1171 (1865).
Bocana robustalis. Walker: xxxiv. 1172.
Aginna simulata. Moore: Descr. Ind. Lep. Atk., p. 195 (1882).
———— Cotes and Swinh.: l. c., 3023.
Aginna circumscripta. Swinhoe (nec Walker): P. Z. S., Lond., 1885, p. 474.

Type (*cæneusalis*). Moreton Bay, in B. M.
Type (*turpatalis*). Ceylon, in B. M.
Type (*simulata*). Bombay, in B. M.
a. Mysol (type *concoloralis*) (Wallace). b. Morty (type *Bocana robustalis*) (Wallace).

2191 Libisosa niphona.

Bocana niphona. Butler: Ill. Typ. Lep. Het., B. M., ii. p. 56, pl. 38, f. 9 (1878).
———— Leech: P. Z. S., Lond., 1889, p. 566.
Simplicia niphona. Hampson: Faun. Brit. Ind. Moths, iii. p. 36 (1895).
Aginna similis. Moore: Descr. Ind. Lep. Atk., p. 195 (1882).
———— C. and S.: Cat. Moths of India, iii. 458. 3022 (1888).

Type. Yokohama, in B. M.
Type (*similis*). Darjiling, in B. M.
a. Indore (2) (Hearsay).

Genus **ONEVATHA.** Walker: xvi. 225 (1858).
Badiza. Walker: Journ. Linn. Soc., Lond., vii. p. 195 (1864).

2192. Onevatha alsusalis.

Onevatha alsusalis. Walker: xvi. 226 ♀.
Badiza distorta. Swinhoe: Ann. Mag. N. H. (6), xv. p. 13 (1895) ♂.

Type (*distorta*). Ternate, in B. M.
a. Sarawak, Borneo (type) (Wallace).

2193. Onevatha ereboides.

Badiza ereboides. Walker: Journ. Linn. Soc. Lond., vii. p. 196 (1864).
———— xxxiii. 1094 (1865).
Adrapsa ereboides. Hampson: Faun. Brit. Ind. Moths, iii. p 37 (1895).

a. Sarawak, Borneo (type) (Wallace).

Genus **BOCANA.** Walker: xvi. 170 (1858).
Lamura. Walker: xvi. 189
Bithiasa. Walker: xxxiii. 1116 (1865).

2194. Bocana histaspesalis. Pl. iv. f. 13.

Bleptina histaspesalis. Walker: xix. 875 (1859).

a. Sarawak, Borneo (type) (Wallace).

Genus **ASTHALA**. Moore: Descr. Ind. Lep. Atk., p. 196 (1882).

2195. Asthala silenusalis.

Bocana silenusalis. Walker: xvi. 179 (1858).
Asthala silenusalis. Moore: l. c., p. 197, pl. 6, f. 22.
——————— C. and S.: Cat. Moths of India, iii. 458. 3020 (1888).
Adrapsa silenusalis. Hampson: Faun. Brit. Ind. Moths, iii. p. 39 (1895).
Thermesia noctinix. Walker: Journ. Linn. Soc., Lond., vii. p. 185 (1864).
——————— xxxiii. 1037 (1865).

Type. Sarawak, Borneo, in B. M.
a. Sarawak (type *noctinix*) (Wallace).

Genus **MURGISA**. Walker: Journ. Linn. Soc., Lond., vii. p. 193 (1864).

2196. Murgisa orgyoides. Pl. IV. f. 7.

Murgisa orgyoides. Walker: l. c.
——————— xxxiii. 1093 (1865).

a. Sarawak, Borneo (type) (Wallace).

Genus **PSEUDAGLOSSA**. Grote: Bull. Buffalo Soc. Nat. Sci., ii. p. 47 (1874).

2197. Pseudaglossa gnetusalis.

Bocana gnetusalis. Walker: xvi. 182 (1858) ♀.
Echana (?) *actorisalis*. Walker: xvi. 198 ♂.

a. Sarawak, Borneo (type) (Wallace). b. Sarawak (type *actorisalis*) (Wallace).

Genus **ELYRA**. Walker: xvi. 203 (1858).
Neviasca. Walker: xvi. 199 (præocc.).
Eordæa. Walker: xvi. 206.
Cardalena. Walker: xix. 888 (1859).
Gabrisa. Walker: xxxiv. 1174 (1865).

2198. Elyra phlegeusalis. Pl. III. f. 15.

Elyra phlegeusalis. Walker: xvi. 203.
Eordæa peleusalis. Walker: xvi. 207.

a. Sarawak, Borneo (type) (Wallace). b. Sarawak (type *peleusalis*) (Wallace). c. Sarawak (Wallace).

2199. Elyra tespisalis. Pl. IV. f. 12.

Neviasca tespisalis. Walker: xvi. 200 (1858).
Plusia (?) *albosignata*. Walker: Journ. Linn. Soc., Lond., vii. p. 72 (1864).
——————— xxxiii. 835 (1865).

a. Sarawak, Borneo (type ♂) (Wallace). b. Sarawak (type *albosignata* ♀) (Wallace).

Genus **BLEPTINA**. Guen.: Delt. et Pyral., p. 66 (1854).

2200. Bleptina hadenalis.

Herminia hadenalis. Moore: P. Z. S., Lond., 1867, p. 85.
——————— C. and S.: Cat. Moths of India, iii. 450. 2954 (1888).
Bleptina hadenalis. Hampson: Faun. Brit. Ind. Moths, iii. p. 42 (1895).
Herminia restricta. Moore: Descr. Ind. Lep. Atk., p. 192 (1882).
——————— Cotes and Swinh.: l. c., 2959.

Type. Darjiling, in coll. Staudinger.
a. Khasia Hills (♂ ♀).

Genus **BERTULA**. Walker: xvi. 162 (1858).
Isana. Walker: xvi. 213.

2201. Bertula larusalis. Pl. iv. f. 11.

Isana larusalis. Walker: xvi. 213.
a. Sarawak, Borneo (type) (Wallace).

2202. Bertula alpheusalis. Pl. iv. f. 6.

Bertula alpheusalis. Walker: xvi. 165 (1858).
Type. Sarawak, Borneo, in B. M.
a. Sarawak (2) (Wallace).

2203. Bertula eudoxusalis. Pl. iii. f. 23.

Bocana eudoxusalis. Walker: xvi. 182 ♀ (1858).
Echana (?) *cassiusalis.* Walker: xvi. 196 ♂.
a. Sarawak, Borneo (type) (Wallace). b. Sarawak (type *cassiusalis*) (Wallace). c. Sarawak (Wallace).

Genus **ALELIMMA**. Hampson: Faun. Brit. Ind. Moths, iii. p. 47 (1895).

2204. Alelimma ferripuncta.

Plusia ferripunctum. Walker: Journ. Linn. Soc., Lond., vii. p. 69 (1864).
——————— xxxiii. 834 (1865).
a. Sarawak, Borneo (type) (Wallace).

Genus **OXÆNANUS**. nov.

♂ Palpi very long and fringed with hair above, second joint bent backwards acutely to above vertex of head, third long and flat with a tuft of long hair from its base, antennæ with long bristles and scilia, thorax and body smoothly scaled, tibiæ slightly hairy; hindwing with vein 5 from near lower angle of cell.

♀ Palpi with first joint short, second of moderate length, third upturned, long, and very slender.

Corresponds with Section II of Hampson's genus, *Mastigophorus*,

Poey; an American genus quite distinct, with masses of flocculent scales to the fore-tibiæ.

Type (*brontesalis*). Walker.

2205. Oxænanus brontesalis.

Mastygophora brontesalis. Walker: xvi. 151 (1858).
Mastigophorus brontesalis. Hmn.: Faun. Brit. Ind. Moths, iii. p. 48 (1895).
Mastygophora sumatrensis. Walker: xxxiv. 1166 (1865).
Mastygophora (?) *scopigeralis.* Moore: P. Z. S., Lond., 1867, p. 86.
——————— Waterhouse: Aid., ii. pl. 173, f. 3 (1887).
——————— C. and S.: Cat. Moths of India, iii. 451. 2964 (1888).
——————— Haase: Iris, i. p. 327 (1888).

Type (*scopigeralis*). Bengal, in B. M.

a. Sarawak, Borneo (type) (Wallace). b. Sumatra (type *sumatrensis*) (Wallace).

2206. Oxænanus stigmatalis.

Bertula stigmatalis. Moore: P. Z. S., Lond., 1867, p. 87.
——————— C. and S.: Cat. Moths of India, iii. 453. 2982 (1888).
Mastigophorus stigmatalis. Hmn.: Faun. Brit. Ind. Moths, iii. p. 49 (1895).

Type. Bengal, in coll. Staudinger.

a. India.

2207. Oxænanus kalialis. nov.

♂ Blackish brown, head, body and both wings very uniform in colour, third joint of palpi with the tuft of long hair bright yellow streaked with crimson; a deep black mark at the end of cell in fore-wings, otherwise the wings are without markings; underside also uniform in colour, very little paler than on the upperside, indications of a pale sinuous discal line.

Expanse of wings, $1\frac{8}{10}$ inches.

a. Borneo (type).

Allied to *O. chalybealis*. Moore.

Genus **FALCIMALA.** Hampson: Faun. Brit. Ind. Moths, iii. p. 51 (1895).

2208. Falcimala amphusalis.

Bocana amphusalis. Walker: xvi. 181 (1858).

a. Sarawak, Borneo (type) (Wallace).

Genus **DAXATA.** Walker: xxxiii. 1108 (1865).
Maguda. Walker: xxxiv. 1186 (1865).

2209. Daxata bijungens.

Daxata bijungens. Walker: xxxiii. 1109.
——————— Moore: Lep. Ceylon, iii. p. 198, pl. 174, f. 9 (1885).
——————— C. and S.: Cat. Moths of India, iii. 422. 2750 (1888).

Daxata bijungens. Hampson: Faun. Brit. Ind. Moths, iii. p. 51 (1895).
Maguda immundalis. Walker: xxxiv. 1186.

Type. Ceylon, in B. M.
a. Sarawak, Borneo (type *immundalis*) (Wallace).

2210. Daxata philemonalis.

Bocana philemonalis. Walker: xvi. 247 (1858).

a. Sarawak, Borneo (type) (Wallace).

Genus **NAGADEBA.** Walker: xxxiv. 1521 (1865).

2211. Nagadeba ianthina.

Nagadeba ianthina. Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 255.
Nagadeba indecoralis. Hmn.: (part) Faun. Brit. Ind. Moths, iii. p. 52 (1895).

Type. Rangoon, in B. M.
a. Khasia Hills (4).

Genus **HYDRILLODES.** Guen.: Delt. et Pyral., p. 65 (1854).

2212. Hydrillodes lentalis.

Hydrillodes lentalis. Guen.: l. c., p. 66, pl. 5, f. 3.
——— Walker: xvi. 118 (1858).
——— Snellen: Tijd. voor Ent., xxiv. pl. 6, f. 6 (1881).
——— Moore: Lep. Ceylon, iii. p. 237, pl. 177, f. 11 (1885).
——— C. and S.: Cat. Moths of India, iii. 452. 2972 (1888).
——— Leech: P. Z. S., Lond., 1889, p. 565.
——— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 267.
——— Hampson: Ill. Typ. Lep. Het., B. M., viii. 25. 682 (1891); ix. 31. 793 (1893).
——— Faun. Brit. Ind. Moths, iii. p. 53 (1895).
Hydrillodes uliginosalis. Guen.: l. c., 66. 2.
——— Walker: xvi. 119.
Bocana hemusalis. Walker: xvi. 177.
Bocana momusalis. Walker: xvi. 178.
Bocana metisalis. Walker: xvi. 183.
——— Butler: P. Z. S., Lond., 1888, p. 226.
Catada (?) *captiosalis.* Walker: xvi. 210.
Gizama cleobisalis. Walker: xvi. 249.
Bleptina micealis. Walker: xix. 874 (1859).
Bocana moloalis. Walker: xix. 887.
Bleptina dimissalis. Walker: xxxiv. 1162 (1865).
Bleptina latifascialis. Walker: xxxiv. 1162.
Bocana basalis. Moore: P. Z. S., Lond., 1867, p. 88.
——— Cotes and Swinh.: l. c., 455. 2996.
Hydrillodes sub-basalis. Moore: l. c., 1877, p. 613, pl. 60, f. 8.
——— Cotes and Swinh.: l. c., 452. 2973.

Type (*metisalis*). Moreton Bay, in B. M.
Types (*captiosalis* and *sub-basalis*). Ceylon, in B. M.
Type (*cleobisalis*). S. Africa, in B. M.
Type (*dimissalis*). Swan River, in B. M.
Type (*basalis*). Bengal, in coll. Russell.

a. Sarawak, Borneo (type *hemusalis*) (Wallace). b. Sarawak (type *momusalis*) (Wallace). c. Sarawak (2) (Wallace). d. Sarawak (type *micealis*) (Wallace). e. Sarawak (type *moloalis*) (Wallace). f. Makian, Celebes (type *latifascialis*) (Wallace).

Genus **RAGANA**. nov.

♂ Antennæ strongly ciliated; palpi buried in thick hair; third joint short and triangular, a very long tuft of hair from the inner side of second joint, curving over the head; fore-tibiæ with a mass of flocculent hair.

Corresponds to Hampson's second section of *Hydrillodes*, vol. iii. p. 55.

2213. Ragana gravatalis.

Bocana gravatalis. Walker: xvi. 175 (1858).
Hydrillodes gravatalis. Moore: Lep. Ceylon, iii. p. 238, pl. 177, f. 12 (1885).
——————— C. and S.: Cat. Moths of India, iii. 452. 2971 (1888).
——————— Hampson: Ill. Typ. Lep. Het., B. M., viii. 25. 681 (1891); ix. 31. 792 (1893).
——————— Faun. Brit. Ind. Moths, iii. p. 55 (1895).
Bocana erythusalis. Walker: xvi. 177.
Hydrillodes erythusalis. Warren: P. Z. S., Lond., 1888, p. 318.
——————— Swinh. and Cotes: l. c., vi. 764. 2970 A (1889).
Echana tennenti. Felder: Reise Nov. Lep., pl. 120, f. 1 (1873).

Type. Ceylon, in B. M.
Type (*erythusalis* ♂). Sarawak, Borneo, in B. M.
Type (*tennenti*). Ceylon, in coll. Rothschild.
a. Sarawak (type *erythusalis* ♀) (Wallace). b. Sarawak (Wallace).

Genus **ECHANA**. Walker: xvi. 195 (1858).

2214. Echana abavalis.

Echana abavalis. Walker: xvi. 196.
——————— Moore: Lep. Ceylon, iii. p. 241, pl. 177, f. 10 (1885).
——————— C. and S.: Cat. Moths of India, iii. 451. 2965 (1888).
——————— Hampson: Ill. Typ. Lep. Het., B. M., viii. 24. 677 (1891); ix. 31. 787 (1893).
——————— (part) Faun. Brit. Ind. Moths, iii. p. 55 (1895).
Bleptina toresalis. Walker: xix. 875 (1859) ♀.

Type. Ceylon, in B. M.
a. Sarawak, Borneo (type *toresalis*) (Wallace). b. Sarawak, (3) (Wallace). c. Nilgiri Hills.

Genus **NODARIA**. Guen.: Delt. et Pyral., p. 63 (1854).
Anitha. Walker: xxxiv. 1206 (1865).

2215. Nodaria externalis.

Nodaria externalis. Guen.: l. c., 64. 78.
——————— Walker: xvi. 118 (1858).

Nodaria externalis. Swinhoe: P. Z. S., Lond., 1885, p. 474; 1886, p. 433.
———— C. and S.: Cat. Moths of India, iii. 453. 2986 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 267.
———— Hampson: Ill. Typ. Lep. Het., B. M., viii. 25. 687 (1891); ix. 31. 795 (1893).
———— (part) Faun. Brit. Ind. Moths, iii. p. 56 (1895).
Miana indecisa. Walker: xxxv. 1957 (1866).

a. Sarawak, Borneo (type *indecisa*) (Wallace). b. Amoy, China. c. India. d. Bombay. e. Nilgiri Hills. f. Indore (Hearsay).

Genus **ZANCLOGNATHA.** Led., Noct., p. 211 (1857).

Hipœpa. Walker: xvi. 188 (1858).

2216. Zanclognatha biasalis.

Bocana biasalis. Walker: xvi. 181.
Hipœpa lapsalis. Walker: xvi. 188.
———— Moore: Lep. Ceylon, iii. p. 235, pl. 177, f. 6 (1885).
———— C. and S.: Cat. Moths of India, iii. 454. 2990 (1888).
———— Hmn.: Ill. Typ. Lep. Het., B. M., ix. 31. 800 (1893).
Nodaria lapsalis. Hampson: Faun. Brit. Ind. Moths, iii. p. 58 (1895).

Type (*lapsalis*). Ceylon, in B. M.
a. Sarawak, Borneo (type) (Wallace).

2217. Zanclognatha arenosa.

Herminia arenosa. Butler: Ill. Typ. Lep. Het,, B. M., ii. p. 56, pl. 38, f. 8 (1878).

Type. Yokohama, in B. M.
a. Japan.

2218. Zanclognatha armatalis.

Bocana armatalis. Walker: xxxiv. 1173 (1865).

Type. Moreton Bay, in B. M.
a. Moreton Bay.

Genus **LYSIMELIA.** Walker: xvi. 201 (1858).

2219. Lysimelia neleusalis.

Lysimelia neleusalis. Walker: xvi. 201.
———— Hmn.: Faun. Brit. Ind. Moths, iv. App. p. 541 (1896).
Zanclognatha lysimeloides. Hmn.: Ill. Typ. Lep. Het., B. M., ix. p. 127, pl. 167, f. 10 (1893).
Nodaria lysimeloides. Hampson: Faun. Brit. Ind. Moths, iii. p. 60 (1895).

Type. Sarawak, Borneo, in B. M.
Type (*lysimeloides*). Ceylon, in B. M.
a. Sarawak (Wallace).

2220. Lysimelia phineusalis. Pl. iv. f. 14.

Herminia (?) *phineusalis.* Walker: xvi. 115 (1858).

Echana (?) *mantusalis*. Walker : xvi. 197.

a. Sarawak, Borneo (type ♀) (Wallace). b. Sarawak (type *mantusalis* ♂) (Wallace).

2221. Lysimelia nothusalis. Pl. IV. f. 15.

Herminia nothusalis. Walker : xvi. 114 (1858).

Type. Sarawak, Borneo, in B. M.

a. Sarawak (Wallace).

2222. Lysimelia silvialis. Pl. IV. f. 23.

Herminia silvialis. Walker : xvi. 115 (1858).

a. Sarawak, Borneo (type) (Wallace).

GENUS **NECHESIA**. Walker : xxiv. 1104 (1862).

2223. Nechesia albotentata.

Nechesia albotentata. Walker : xxiv. 1104.

a. Sarawak, Borneo (type) (Wallace).

GENUS **MICREREMITES**. Warren : Ann. Mag. Nat. Hist. (6), viii. p. 66 (1891).

2224. Micreremites humiliata.

Acidalia humiliata. Walker : xxiii. 768 (1861).

a. Sarawak, Borneo (type) (Wallace).

GENUS **CATADA**. Walker : xvi. 209 (1858).

2225. Catada vagalis.

Bocana vagalis. Walker : xvi. 172.
Catada vagalis. Moore : Lep. Ceylon, iii. p. 246 (1885).
———— C. and S. : Cat. Moths of India, iii. 454. 2988 (1888).
———— Hmn. : Ill. Typ. Lep. Het., B. M., ix. p. 128, pl. 167, f. 24 (1893).
———— Faun. Brit. Ind. Moths, iii. p. 62 (1895).
Catada glomeralis. Walker : xvi. 210.
Hydrillodes transversalis. Moore : P. Z. S., Lond., 1877, p. 613.
———— Cotes and Swinh. : l. c., 452. 2974.

Type. Ceylon, in B. M.

Type (*transversalis*). Andaman Islands, in B. M.

a. Sarawak, Borneo (type *glomeralis*) (Wallace). b. Nilgiri Hills.

SUB-FAMILY HYPENINÆ.

GENUS **TALAPA**. Moore : P. Z. S., Lond., 1867, p. 82.

2226. Talapa caliginosa.

Remigia (? *caliginosa*. Walker : xxxiii. 1017 (1865).
Talapa caliginosa. Hampson : Faun. Brit. Ind. Moths, iii. p. 66 (1895).

Talapa caliginosalis. Moore: P. Z. S., Lond., 1867, p. 82, pl. 7, f. 6.
——————— C. and S.: Cat. Moths of India, iii. 437. 2849 (1888).

Type. N. India, in B. M.
a. India.

GENUS **CORCOBARA.** Moore: Descr. Ind. Lep. Atk., p. 186 (1882).

2227. Corcobara angulipennis.

Corcobara angulipennis. Moore: l. c., pl. 6, f. 16.
——————— Lep. Ceylon, iii. p. 218, pl. 176, f. 3 (1885).
——————— C. and S.: Cat. Moths of India, iii. 437. 2852 (1888).
——————— Hampson: Ill. Typ. Lep. Het., B. M., viii. 23. 630 (1891); ix. 29. 731 (1893).
——————— Faun. Brit. Ind. Moths, iii. p. 69 (1895).
Corcobara thwaitesi. Moore: l. c., f. 2, 2*a*, *b*.
——————— Cotes and Swinh.: l. c., 2853.

Types. Ceylon, in B. M.
a. Singapore.

GENUS **ANORATHA.** Moore: P. Z. S., Lond., 1867, p. 82.

2228. Anoratha costalis.

Anoratha costalis. Moore: P. Z. S., Lond., 1867, p. 82, pl. 7, f. 10.
——————— C. and S.: Cat. Moths of India, iii. 437. 2850 (1888).
——————— Hampson: Faun. Brit. Ind. Moths, iii. p. 70 (1895).

Type. Darjiling, in coll. Russell.
a. India.

GENUS **MERANDA.** Walker: xxxiv. 1207 (1865).

2229. Meranda susialis.

Pionea (?) *susialis.* Walker: xviii. 760 (1859).
Meranda latalis. Walker: xxxiv. 1207.

Type. Sydney, in B. M.
Type (*latalis*). Swan River, in B. M.
a. New South Wales.

GENUS **MARAPANA.** Moore: Lep. Ceylon, iii. p. 227 (1885).

2230. Marapana pulverata.

Sanys pulverata. Guen.: Noct., iii. 351. 1822 (1852).
——————— Walker: xv. 1558 (1858).
——————— C. and S.: Cat. Moths of India, iii. 424. 2765 (1888).
Marapana pulverata. Hampson: Faun. Brit. Ind. Moths, iii. p. 72 (1895).
Hypena raralis. Walker: xvi. 65 (1858).
Marapana raralis. Moore: l. c.
——————— Cotes and Swinh.: l. c., 446. 2926.
——————— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 260.
——————— Hmn.: Ill. Typ. Lep. Het., B. M., ix. 30. 769 (1893).

Hypena rufalis. Walker: xxxiv. 1141 (1865).
Hypena truncatalis. Walker: xxxiv. 1513.

Type (*raralis*). Ceylon, in B. M.
Type (*truncatalis*). Java, in B. M.
a. New Guinea (type *rufalis*) (Wallace). b. Singapore. c. Ceylon.

2231. Marapana plagifera.

Thermesia plagifera. Walker: Journ. Linn. Soc., Lond., vii. p. 187 (1864).
———— xxxiii. 1038 (1865).
Marapana plagifera. Hampson: Faun. Brit. Ind. Moths, iii. p. 71 (1895).
a. Sarawak, Borneo (type) (Wallace).

GENUS **DICHROMIA**. Guen.: Delt. et Pyral., p. 18 (1854).

2232. Dichromia orosia.

Phalæna-Noctua orosia. Cram.: Pap. Exot., iii. pl. 275, f. D (1782).
Calymma orosia. Hübn.: Verz., 281. 2760 (1816).
Dichromia orosia. Moore: Lep. Ceylon, iii. p. 220, pl. 176, f. 1, 1*a* (1885).
———— C. and S.: Cat. Moths of India, iii. 436. 2844 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 259.
———— Hampson: Ill. Typ. Lep. Het., B. M., viii. 23. 627 (1891); ix. 29. 728 (1893).
———— Faun. Brit. Ind. Moths, iii. p. 72 (1895).
Dichromia orosialis. Guen.: l. c.
———— Walker: xvi. 14 (1858).
———— Moore: P. Z. S., Lond., 1867, p. 81.
———— Swinhoe: P. Z. S., Lond., 1885, p. 470.
a. Ceylon (2). b. India. c. Indore (2) (Hearsay).

2233. Dichromia duplicalis.

Dichromia duplicalis. Walker: xvi. 16 (1858).
———— Butler: P. Z. S., Lond., 1888, p. 226.
Type. Moreton Bay, in B. M.
a. New South Wales (2). b. Australia (19).

2234. Dichromia triplicalis.

Dichromia triplicalis. Walker: xvi. 16 (1858).
———— Moore: P. Z. S., Lond., 1867, p. 81.
———— C. and S.: Cat. Moths of India, iii. 436, 2848 (1888).
———— Hampson: Faun. Brit. Ind. Moths, iii. p. 73 (1895).
Type. Without locality, in B. M.
a. India. b. Khasia Hills (4).

2235. Dichromia quadralis.

Dichromia quadralis. Walker: xvi. 14 (1858).
———— C. and S.: Cat. Moths of India, iii. 436. 2846 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 259.
———— Hmn.: Faun. Brit. Ind. Moths, iii. p. 73 (1895).
Dichromia mollis. Swinhoe: Trans. Ent. Soc., Lond., 1891, p. 481.

Type. N. India, in B. M.
Type (*mollis*). Khasia Hills, in B. M.
a. India. b. Khasia Hills (6).

2236. Dichromia amica.

Dichromia amica. Butler: Ill. Typ. Lep. Het., B. M., ii. p. 55, pl. 38, f. 3 (1878).
———— Leech: P. Z. S., Lond., 1889, p. 556.
Dichromia trigonalis. Hmn.: (part) Faun. Brit. Ind. Moths, iii. p. 73 (1895).

Type. Yokohama, in B. M.
a. Japan (2).

GENUS **RHYNCHINA**. Guen.: Delt. et Pyral., p. 20 (1854).

2237. Rhynchina abducalis.

Hypena abducalis. Walker: xvi. 66 (1858).
———— Moore: P. Z. S., Lond., 1867, p. 83.
———— Swinhoe: P. Z. S., Lond., 1886, p. 453.
———— C. and S.: Cat. Moths of India, iii. 438. 2861 (1888).
———— Hmn.: Ill. Typ. Lep. Het., B. M., viii. 23. 636 (1891).
Rhynchina abducalis. Hmn.: Faun. Brit. Ind. Moths, iii. p. 74 (1895).
Hypena undulalis. Walker: xxxiv. 1138 (1865).
———— Cotes and Swinh.: l. c., 445. 2921.
Hypena curviferalis. Walker: xxxiv. 1510.
Hypena columbaris. Butler: Ill. Typ. Lep. Het., B. M., ii. p. 55, pl. 38, f. 7 (1878).
Hypena vigens. Butler: l. c., f. 4.
Hypena incurvata. Moore: Descr. Ind. Lep. Atk., p. 189 (1882).
———— Cotes and Swinh.: l. c., 440. 2883.
Hypena angustalis. Warren: P. Z. S., Lond., 1888, p. 317.
———— Swinh. and Cotes: l. c., vi. 763. 2862 A (1889).
Hypena curvilinea. Hmn.: Ill. Typ. Lep. Het., B. M., viii. p. 98, pl. 148, f. 18 (1891).

Type. Punjab, in B. M.
Type (*undulalis*). India, in B. M.
Type (*curviferalis*). Java, in B. M.
Types (*columbaris* and *vigens*). Yokohama, in B. M.
Type (*incurvata*). Khasia Hills, in coll. Staudinger.
Type (*angustalis*). Dumtanar, Punjab, in B. M.
Type (*curvilinea*). Nilgiri Hills, in B. M.
a. Indore (5) (Hearsay).

GENUS **RHODINA**. Guen.: Delt. et Pyral., p. 19 (1854).

2238. Rhodina falculalis.

Rhodina falculalis. Guen.: l. c., 20. 9.
———— Walker: xvi. 17 (1858).
Hypena mancipatalis. Walker: xvi. 67.

Type (*mancipatalis*). Sydney, in B. M.
a. Moreton Bay. b. Van Diemen's Land.

GENUS **HYPENA**. Schrank: Fauna Boica, ii. (2), p. 163 (1802).
Ophiuche. Hübn.: Verz., p. 344 (1816).

2239. Hypena longipennis.

Hypena longipennis. Walker: xxxiv. 1139 (1865); xxxv. 1976 (1866).
———— Moore: P. Z. S., Lond., 1867, p. 85.
———— C. and S.: Cat. Moths of India, iii. 442. 2893 (1888).
———— Hampson: Faun. Brit. Ind. Moths, iii. p. 77 (1895).

Type. Darjiling, in coll. Russell.
a. India (2).

2240. Hypena proboscidalis.

Pyralis proboscidalis. Linn.: Faun. Suec., 1346 (1761).
———— Syst. Nat., i. (2), 881 (1767).
Hypena proboscidalis. Treit.: Schm. Eur., p. 22 (1826).
———— Walker: xvi. 24 (1858) (further references).
———— C. and S.: Cat. Moths of India, iii. 443. 2908 (1888).
———— Hampson: Faun. Brit. Ind. Moths, iii. p. 77 (1895).
Phalæna ensalis. Fabr.: Ent. Syst., iii. (2), 221 (1794).
Hypena indicalis. Guen.: Delt. et Pyral., 31. 25 (1854).
———— Cotes and Swinh.: l. c., 441. 2884.
Hypena cervinalis. Moore: P. Z. S., Lond., 1867, p. 83.
———— Cotes and Swinh.: l. c., 439. 2866.
Hypena ochreipennis. Moore: Descr. Ind. Lep. Atk., p. 188 (1882).
———— Cotes and Swinh.: l. c., 443. 2904.
Hypena externa. Moore (nec Walker): l. c., p. 190.
———— Cotes and Swinh.: l. c., 440. 2877.
Hypena tatorhina. Butler: Ill. Typ. Lep. Het., B. M., iii. p. 60, pl. 55, f. 13 (1879).
———— P. Z. S., Lond., 1886, p. 382.
———— Cotes and Swinh.: l. c., 445. 2916.
———— Leech: P. Z. S., Lond., 1889, p. 559.

Type (*cervinalis*). Bengal, in coll. Russell.
Type (*ochreipennis*). Darjiling, in coll. Staudinger.
Type (*tatorhina*). Yokohama, in B. M.
a. India (2).

2241. Hypena obacerralis.

Hypena obacerralis. Walker: xvi. 53 (1858).
———— Butler: P. Z. S., Lond., 1884, p. 499.
———— Swinhoe: P. Z. S., Lond., 1885, p. 471.
Ophiuche obacerralis. Moore: Lep. Ceylon, iii. p. 229, pl. 175, f. 5 (1885).
———— C. and S.: Cat. Moths of India, iii. 446. 2929 (1888).
———— Hmn.: Ill. Typ. Lep. Het., B. M., viii. 24. 666 (1891); ix. 30. 764 (1893).
Hypena obliqualis. Kollar (nec Fabr.): Hügel's Kaschmir, iv. p. 491 (1844).
Hypena invenustalis. Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 260.
Hypena masurialis. Hmn.: (part) Faun. Brit. Ind. Moths, iii. p. 79 (1895).

Type. Ceylon in B. M.
Type (*invenustalis*). Rangoon, in B. M.
a. Bombay. b. Indore (Hearsay).

2242. Hypena mistacalis.

Herminia mistacalis. Guen.: Delt. et Pyral., 60. 69 (1854).
———— Walker: xvi. 113 (1858).
Ophiuche mistacalis. Moore: Lep. Ceylon, iii. p. 229, pl. 175, f. 6 (1885).
———— C. and S.: Cat. Moths of India, iii. 446. 2928 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 260.
———— Hmn.: Ill. Typ. Lep. Het., B. M., viii. 24. 669 (1891); ix. 30. 763 (1893).
Hypena mistacalis. Hampson: Faun. Brit. Ind. Moths, iii. p. 80 (1895).
Hypena pactalis. Walker: xvi. 64.
———— Moore: Journ. Linn. Soc., Lond., Zool., xxi. p. 58 (1886).

Type (*pactalis*). Ceylon, in B. M.
a. Bombay.

2243. Hypena mimicalis.

Hypena mimicalis. Swinhoe: P. Z. S., Lond., 1885, p. 471, pl. 28, f. 6.
———— C. and S.: Cat. Moths of India, iii. 442. 2897 (1888).
———— Hampson: Faun. Brit. Ind. Moths, iii. p. 80 (1895).

Type. Poona, in B. M.
a. India (2). b. Indore (Hearsay).

2244. Hypena speculalis.

Hypena speculalis. Swinhoe: P. Z. S., Lond., 1885, p. 472, pl. 28, f. 8.
———— C. and S.: Cat. Moths of India, iii. 444. 2912 (1888).
Hypena rectivittalis. Hmn.: (part) Faun. Brit. Ind. Moths, iii. p. 81 (1895).

Type. Bombay, in B. M.
a. India.

2245. Hypena iconicalis.

Hypena iconicalis. Walker: xvi. 61 (1858).
———— Moore: Lep. Ceylon, iii. p. 225, pl. 175, f. 9 (1885).
———— Swinhoe: P. Z. S., Lond., 1885, p. 471.
———— C. and S.: Cat. Moths of India, iii. 440. 2881 (1888).
———— Hampson: Ill. Typ. Lep. Het., B. M., viii. 23. 652 (1891); ix. 29. 738 (1893).
———— Faun. Brit. Ind. Moths, iii. p. 81 (1895).
Hypena subnotalis. Walker: xxxiv. 1140 (1865).
Hypena sulalis. Walker: xxxiv. 1140.
Hypena similata. Moore: Descr. Ind. Lep. Atk., p. 192 (1882).
———— Cotes and Swinh: l. c., 444. 2911.

Type. Ceylon, in B. M.
Type (*similata*). Khasia Hills, in coll. Staudinger.
a. Mysol (type *subnotalis*) (Wallace). b. Sarawak, Borneo (Wallace). c. Sula (type *sulalis*) (Wallace). d. Singapore e. Nilgiri Hills. f. Khasia Hills (5).

2246. Hypena laxia.

Hypena laxia. Swinhoe: Trans. Ent. Soc., Lond., 1891, p. 483.
Hypena strigosa. Hmn.: (part) Faun. Brit. Ind. Moths, iii. p. 78 (1895).

Type. Khasia Hills, in B. M.
a. Khasia Hills (3).

2247. Hypena labatalis.

Hypena labatalis. Walker: xvi. 66 (1858).
——————— Moore: Lep. Ceylon, iii. p. 225, pl. 176, f. 6 (1885).
——————— C. and S.: Cat. Moths of India, iii. 441. 2887 (1888).
——————— Hmn.: Ill. Typ. Lep. Het., B. M., viii. 23. 650 (1891); ix. 29. 742 (1893).
——————— Faun. Brit. Ind. Moths, iii. p. 79 (1895).

Type. Ceylon, in B. M.
a. Khasia Hills.

Genus **BOMOLOCHA**. Hübn.: Verz., p. 343 (1816).
Badausa. Walker: Journ. Linn. Soc., Lond., vii. p. 170 (1864).
Apanda. Moore: Descr. Ind. Lep. Atk., p. 186 (1882).
Mathura. Moore: l. c., p. 188.

2248. Bomolocha rhombalis.

Hypena rhombalis. Guen.: Delt. et Pyral., 33. 29 (1854).
——————— Leech: P. Z. S., Lond., 1889, p. 556.
——————— Hampson: Faun. Brit. Ind. Moths, iii. p. 83 (1895).
Hypena rhomboidalis. Walker: xvi. 56 (1858).
——————— C. and S.: Cat. Moths of India, iii. 444. 2910 (1888).
——————— Hmn.: Ill. Typ. Lep. Het., B. M., ix. 30. 761 (1893).
Hypena telamonalis. Walker: xvi. 231.
Badausa hypenoides. Walker: Journ. Linn. Soc., Lond., vii. p. 170 (1864).
——————— xxxiii. 901 (1865).
Hypena basistrigalis. Moore: P. Z. S., Lond., 1867, p. 84.
——————— Cotes and Swinh.: l. c., 438. 2863.
Hypena veronica. Butler: Ill. Typ. Lep. Het., B. M., vii. p. 85, pl. 133, f. 17 (1889).

Type (*basistrigalis*). Cherra Punji, in coll. Staudinger.
Type (*veronica*). Dharmsala, in B. M.
a. Sarawak, Borneo (type *hypenoides*) (Wallace). b. Sarawak (type *telamonalis*) (Wallace). c. India (2). d. Khasia Hills (3).

2249. Bomolocha obductalis.

Hypena obductalis. Walker: xvi. 56 (1858).
——————— C. and S.: Cat. Moths of India, iii. 443. 2901 (1888).
——————— Hmn.: (part) Faun. Brit. Ind. Moths, iii. p. 83 (1895).

a. India (type). b. India.

2250. Bomolocha tenebralis.

Hypena tenebralis. Moore: P. Z. S., Lond., 1867, p. 83.
——————— C. and S.: Cat. Moths of India, iii. 445. 2917 (1888).
——————— Hampson: Faun. Brit. Ind. Moths, iii. p. 82 (1895).

Type. Bengal, in coll. Staudinger.
a. India.

2251. Bomolocha albisigna.

Mathura albisigna. Moore: Descr. Ind. Lep. Atk., p. 188 (1882).
——————— C. and S.: Cat. Moths of India, iii. 437. 2856 (1888).

Hypena albisigna. Hmn. : Faun. Brit. Ind. Moths, iii. p. 82 (1895).

Type. Cherra Punji, in coll. Staudinger.

a. Khasia Hills.

2252. Bomolocha lacessalis.

Hypena lacessalis. Walker : xvi. 59 (1858).
——————— Moore : P. Z. S., Lond., 1867, p. 83.
——————— C. and S. : Cat. Moths of India, iii. 441. 2889 (1888).
——————— Hampson : Faun. Brit. Ind. Moths, iii. p. 84 (1895).

Type. N. India, in B. M.

a. India (2). b. Khasia Hills (7).

2253. Bomolocha abjectalis.

Hypena abjectalis. Walker : xvi. 63 (1858).

a. Sarawak, Borneo (type) (Wallace).

2254. Bomolocha jugalis. Pl. iv. f. 16.

Hypena jugalis. Walker : xvi. 63 (1858).

a. Sarawak, Borneo (type) (Wallace).

2255. Bomolocha castanealis.

Hypena castanealis. Moore : P. Z. S., Lond., 1867, p. 84.
——————— C. and S. : Cat. Moths of India, iii. 438. 2865 (1888).
——————— Hampson : Faun. Brit. Ind. Moths, iii. p. 85 (1895).

Type. Darjiling, in coll. Russell.

a. India.

2256. Bomolocha ophiusoides.

Hypena ophiusoides. Moore : Descr. Ind. Lep. Atk., p. 189 (1882).
——————— Waterhouse : Aid., ii. pl. 173 (1887).
——————— C. and S. : Cat. Moths of India, iii. 443. 2905 (1888).
——————— Hampson : Faun. Brit. Ind. Moths, iii. p. 85 (1895).

Type. Khasia Hills, in coll. Staudinger.

a. India. b. Khasia Hills (6).

2257. Bomolocha mandatalis.

Hypena mandatalis. Walker : xvi. 58 (1858).
——————— Moore : Lep. Ceylon, iii. p. 225 (1885).
——————— Swinhoe : P. Z. S., Lond., 1885, p. 471.
——————— C. and S. : Cat. Moths of India, iii. 442. 2894 (1888).
——————— Swinhoe : Trans. Ent. Soc., Lond., 1890, p. 260.
——————— Hmn. : Ill. Typ. Lep. Het., B. M., viii. 24. 664 (1891); ix. p. 118, pl. 166, f. 11 (1893).
——————— Faun. Brit. Ind. Moths, iii. p. 88 (1895).

Type. Ceylon, in B. M.

a. Ceylon.

2258. Bomolocha modesta.

Hypena modesta. Moore : Descr. Ind. Lep. Atk., p. 191 (1882).
——————— C. and S. : Cat. Moths of India, iii. 442. 2898 (1888).

Hypena modesta. Hampson: Faun.Brit. Ind. Moths, iii. p. 87 (1895).

Type. Cherra Punji, in coll. Staudinger.

a. India. b. Indore (6) (Hearsay).

2259. Bomolocha abyssinialis.

Hypena abyssinialis. Guen.: Delt. et Pyral., 39. 44 (1854).
——— Walker: xvi. 53 (1858).
——— Butler: P. Z. S., Lond., 1884, p. 499.
——— Hampson: Faun. Brit. Ind. Moths, iii. p. 86 (1895).
——— P. Z. S., Lond., 1896, p. 266.
Hypena jussalis. Walker: xvi. 52.
Hypena ignotalis. Walker: xvi. 60.
——— C. and S.: Cat. Moths of India, iii. 440. 2882 (1888).
Hypena laceratalis. Walker: xvi. 60.
——— Butler: Ann. Mag. N. H. (5), v. p. 225 (1880).
——— Moore: Lep. Ceylon, iii. p. 224, pl. 176, f. 5, 5 *a* (1885).
——— Swinhoe: P. Z. S., Lond., 1885, p. 471.
——— Cotes and Swinh.: l. c., 441. 2888.
——— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 260.
——— Hmn.: Ill. Typ. Lep. Het., B. M., viii. 23. 640 (1891); ix. 30. 744 (1893).
Hypena dispunctalis. Walker: xxxiv. 1144 (1865).
Hypena squamea. Hampson: l. c., viii. p. 94, pl. 147, f. 22.

Type (*jussalis*). Congo, in B. M.
Type (*ignotalis*). N. India, in B. M.
Type (*laceratalis*). India, in B. M.
Type (*dispunctalis*). Without locality, in B. M.
Type (*squamea*). Nilgiri Hills, in B. M.

a. India. b. Indore (8) (Hearsay).

2260. Bomolocha brevipalpis.

Hypena brevipalpis. Walker: xxxiv. 1141 (1865).

a. Mysol (type) (Wallace).

2261. Bomolocha indicatalis.

Hypena indicatalis. Walker: xvi. 61 (1858).
——— Leech: P. Z. S., Lond., 1889, p. 556.
——— Hampson: Faun. Brit. Ind. Moths, iii. p. 89 (1895).
Hypena læsalis. Walker: xvi. 62.
——— Moore: Lep. Ceylon, iii. p. 224, pl. 175, f. 10 (1885).
——— C. and S.: Cat. Moths of India, iii. 441. 2890 (1888).
——— Hmn.: Ill. Typ. Lep. Het., B. M., ix. 30. 746 (1893).
Hypena semiclusalis. Walker: xxxiv. 1511 (1865).
Hypena argialis. Snellen: Tijd. voor Ent., xxiii. p. 118 (1880).
Hypena tortuosa. Moore: Descr. Ind. Lep. Atk., p. 188 (1882).
——— Cotes and Swinh.: l. c., 445. 2918.
Hypena cidarioides. Moore: l. c., p. 189.
——— Cotes and Swinh.: l. c., 439. 2867.
——— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 259.
Hypena persimilis. Hampson: Ill. Typ. Lep. Het., B. M., viii. p. 94, pl. 147, f. 13 (1891).

Type. Sarawak, Borneo, in B. M.
Type (*læsalis*). Moulmein, in B. M.
Type (*semiclusalis*). Java, in B. M.
Type (*tortuosa*). Deyra, in B. M.
Type (*cidarioides*). Khasia Hills, in B. M.
Type (*persimilis*). Nilgiri Hills, in B. M.
a. Sarawak (Wallace). b. N. China. c. India. d. Khasia Hills (3).

2262. Bomolocha cognata.

Hypena cognata. Moore : Lep. Ceylon, iii. p. 224, pl. 175, f. 8 (1885).
———— C. and S. : Cat. Moths of India, iii. 439. 2868 (1888).
———— Hmn. : Ill. Typ. Lep. Het., B. M., ix. 29. 736 (1893).
———— Faun. Brit. Ind. Moths, iii. p. 88 (1895).
Type. Ceylon, in B. M.
a. Sarawak, Borneo (2) (Wallace).

GENUS **NAARDA.** Walker: xxxv. 1694 (1866).

2263. Naarda ineffectalis.

Hypena ineffectalis. Walker: xvi. 85 (1858).
———— Moore: Lep. Ceylon, iii. p. 226 (1885).
———— C. and S.: Cat. Moths of India, iii. 441. 2885 (1888).
———— Hmn.: Ill. Typ. Lep. Het., B. M., ix. p. 118, pl. 166, f. 25 (1893).
———— Faun. Brit. Ind. Moths, iii. p. 92 (1895).
Cerynea laufellalis. Walker: xix. 878 (1859).
Naarda bisignata. Walker: xxxv. 1695 (1866).
Hypena notata. Hmn.: Ill. Typ. Lep. Het., B. M., viii. p. 97, pl. 148, f. 23 (1891).
Type. Ceylon, in B. M.
Type (*notata*). Nilgiri Hills, in B. M.
a. Sarawak, Borneo (type *laufellalis*) (Wallace). b. Sarawak (type *bisignata*) (Wallace). c. Mysol (Wallace).

GENUS **RHAPSA.** Walker: xxxiv. 1149 (1865).

2264. Rhapsa scotosialis.

Rhapsa scotosialis. Walker: xxxiv. 1150.
Type. Auckland, in B. M.
a. South Island, New Zealand (5).

GENUS **GURIAUNA.** Walker: xxiv. 1101 (1862).

2265. Guriauna semipardata.

Guriauna semipardata. Walker: xxiv. 1101.
Thermesia nigripalpis. Walker: Journ. Linn. Soc., Lond., vii. p. 187 (1864).
———— Walker: xxxiii. 1038 (1865).
a. Sarawak, Borneo (type) (Wallace). b. Sarawak (type *nigripalpis*) (Wallace).

GENUS **LUCERIA**. Walker: xix. p. 853 (1859).

2266. Luceria opiliusalis.

Luceria opiliusalis. Walker: xix. 854.
Chusaris opiliusalis. Hampson: Faun. Brit. Ind. Moths, iii. p. 96 (1895).
Rhynchina pallida. Hmn.: Ill. Typ. Lep. Het., B. M., viii. p. 92, pl. 147, f. 5 (1891).

Type (*pallida*). Nilgiri Hills, in B. M.
a. Sarawak, Borneo (type) (Wallace).

GENUS **DAPHA**. Walker: Journ. Linn. Soc., Lond., vii. p. 54 (1864).

2267. Dapha exhibens.

Dapha exhibens. Walker: l. c., p. 55.
——————— xxxiii. 788 (1865).

a. Sarawak, Borneo (type) (Wallace).

GENUS **HYPENODES**. Guen.: Delt. et Pyral., p. 41 (1854).

2268. Hypenodes obstructalis.

Pyralis (?) *obstructalis*. Walker: xxxiv. 1240 (1865).
Hypenodes croceipicta. Hmn.: Ill. Typ. Lep. Het., B. M., ix. p. 121, pl. 166, f. 23 (1893).
——————— Faun. Brit. Ind. Moths, iii. p. 98 (1895).

Type (*croceipicta*). Ceylon, in B. M.
a. Sarawak, Borneo (type) (Wallace).

GENUS **HYPENAGONIA**. Hampson: Ill. Typ. Lep. Het., B. M., ix. p. 122 (1893).

2269. Hypenagonia vexataria

Acidalia vexataria. Walker: xxiii. 967 (1861).
Hypenagonia vexataria. Hmn.: Faun. Brit. Ind. Moths, iii. p. 100 (1895).
Hypenagonia nigrifascia. Hmn.: Ill. Typ. Lep. Het., B. M., ix. p. 122, pl. 166, f. 24.
Hypenagonia leucosticta. Hmn.: Trans. Ent. Soc., Lond., 1895, p. 309.
——————— Faun. Brit. Ind. Moths, iv. p. 546 (1896).

Type (*nigrifascia*). Ceylon, in B. M.
Type (*leucosticta*). Bhutan, in B. M.
a. Sarawak, Borneo (type) (Wallace). b. New Guinea (Wallace).

GENUS **STADNA**. nov.

♂ Palpi porrect, long, 2nd joint much thickened, club shaped, 3rd joint with a fringe of short hair below and ending in a point as in *Prolophota*, Hampson; antennæ minutely ciliated; fore-wing with the costa straight, apex rounded, outer margin concurve; hind-wing with the outer margin rounded; mid- and hind-tibiæ with slight tufts of hair; a tuft of scales standing up, behind the collar.

2270. **Stadna nigriplaga.** nov. Pl. iv. f. 24.

♂ Greyish brown: fore-wings with outwardly curved transverse pale lines made up of connected lunules, ante-medial, and post-medial, a sub-marginal similar line on both wings, also a deep black marginal lunular line, with pale outer marks on the cilia: fore-wings with a deep black spot at end of cell, a black prominent patch on hinder margin at end of 2nd line, with a corresponding and much larger black patch on the centre of the hind-wings, divided near the abdominal margin.

Expanse of wings, $\frac{7}{10}$ inch.

a. Sarawak, Borneo (type) (Wallace).

GENUS **MOSCHA.** Walker: xxxiv. 1199 (1865).

Hypertrocta. Hmn.: Ill. Typ. Lep. Het., B. M., ix. p. 131 (1893).

2271. **Moscha posticalis.**

Moscha posticalis. Walker: xxxiv. 1200.
———— C. and S.: Cat. Moths of India, iii. 422. 2749 (1888).
———— Hampson: Faun. Brit. Ind. Moths, iii. p. 101 (1895).
Hypertrocta marmorata. Hmn.: Ill. Typ. Lep. Het., B. M., ix. p. 131, pl. 167, f. 22.

Type (*marmorata*). Ceylon, in B. M.

a. India (type).

GENUS **RHÆSENA.** Walker: xxxv. 1973 (1866).

2272. **Rhæsena infundens.**

Deva infundens. Walker: Journ. Linn. Soc., Lond., vii. p. 74 (1864).
———— xxxiii. 848 (1865).
Rhæsena transcissa. Walker: xxxv. 1974.
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 254.
———— Hampson: Faun. Brit. Ind. Moths, iii. p. 103 (1895).
Rhæsena obliquifasciata. Moore: Descr. Ind. Lep. Atk., p. 183 (1882).
———— Swinhoe: P. Z. S., Lond., 1885, p. 470.
———— C. and S.: Cat. Moths of India, iii. 419. 2728 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 254.

Type (*transcissa*). Swan River, in B. M.

Type (*obliquifasciata*). Bombay, in B. M.

a. Sarawak, Borneo (type) (Wallace). b. Bombay.

FAMILY **EPIPLEMIDÆ.**

GENUS **AMANA.** Walker: iii. 661 (1855).

2273. **Amana angulifera.**

Amana angulifera. Walker: iii. 662.
———— Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 164.

Amana angulifera. Hampson: Faun. Brit. Ind. Moths, iii. p. 124 (1895).

Type. Without locality, in B. M.

a. India.

Genus **BRACHYBASIS.** nov.

Fore-wings with costa gradually curved; apex minutely produced; hind margin bluntly bent at vein 5, thence oblique. Hind-wings with apex rounded, anal angle rectangular, hind margin slightly curved and sinuous; antennæ short, thick, lamellate, with short, close, clavate teeth; palpi quite short, not reaching in front of face; tongue present, frenulum present, but very fine. Neuration: fore-wings, cell only one-third of wing, discocellulars oblique, short; vein 2 at four-fifths, 3 and 4 stalked, 5 from below centre of discocellulars, 6 from the angle, 7 from close before it, 8 and 9 stalked: hind-wing with cell short, about one-sixth the length of wing, veins 7 and 8 close together from upper angle, 5 from below middle of discocellular 6 from the angle.

2274. Brachybasis rufescens.

Decetia rufescens. Butler: Ann. Mag. N. H. (5), vi. p. 121 (1880).

Type. Sarawak, Borneo, in B. M.

a. Borneo.

Genus **DECETIA.** Walker: xx. 232 (1860).

2275. Decetia dichromata. Pl. v. f. 1.

Decetia dichromata. Walker: xxxv. 1558 (1866).
———— Warren: Nov. Zool., v. p. 421 (1898).

a. Mysol (type) (Wallace).

2276. Decetia bilineata.

Decetia bilineata. Hampson: Faun. Brit. Ind. Moths, iii. p. 123 (1895).

Type. Chin Hills, in B. M.

a. Celebes (Sydney Hickson).

Genus **ORUDIZA.** Walker: xxiii. 857 (1861).

2277. Orudiza protheclaria.

Orudiza protheclaria. Walker: xxiii. 858.
———— Swinhoe: P. Z. S., Lond., 1885, p. 864.
———— C. and S.: Cat. Moths of India, iv. 464. 3048 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 201; 1894, p. 166.
———— Hampson: Faun. Brit. Ind. Moths, iii. p. 124 (1895).
Nedusia luctiferata. Snellen: Midd. Sum. Lep., p. 55 (1880).
———— Tijd. voor Ent., xxiv. p. 86, pl. 10, f. 4, 5 (1881).

Type. Moulmein, in B. M.

a. India. b. Silhet. c. Cambodia, Siam (Mouhot).
d. Makessar, Celebes (2) (Wallace).

GENUS **EPIPLEMA**. Herr. Schäff.: Samml. äusserer Schm., p. 26 (1850).

2278. Epiplema quadricaudata.

Erosia quadricaudata. Walker: xxiii. 847 (1861).
———— Moore: Lep. Ceylon, iii. p. 401, pl. 186, f. 1, 1 *a* (1887).
Diradcs quadricaudata. C. and S.: Cat. Moths of India, iv. 466. 3067 (1888).
Epiplema quadricaudata. Hampson: Ill. Typ. Lep. Het., B. M., ix. 33. 852 (1893).
———— Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 165.
———— Hmn.: Faun. Brit. Ind. Moths, iii. p. 127 (1895).
Erosia varisaria. Walker: xxiii. 848 (1861); xxvi. 1757 (1862).
Epiplema subproximans (*sub sp.*). Warren: Nov. Zool., iii. p. 277 (1896).

Type. Canara, in B. M.
Type (*varisaria*). Ceylon, in B. M.
Type (*subproximans*). Fergusson Isl., in coll. Rothschild.
a. New Guinea (Wallace).

2279. Epiplema certaria.

Erosia certaria. Walker: xxiii. 852 (1861).
a. Sarawak, Borneo (type) (Wallace).

2280. Epiplema detersaria.

Erosia (?) *detersaria.* Walker: xxxv. 1649 (1866).
a. Aru (type) (Wallace).

2281. Epiplema schidacina.

Erosia schidacina. Butler: Trans. Ent. Soc., Lond., 1881, p. 415.
Epiplema schidacina. Leech: Ann. Mag. N. H. (6), xix. p. 186 (1897).

Type. Tokio, Japan, in B. M.
a. Japan.

2282. Epiplema quadristrigata.

Erosia quadristrigata. Walker: xxxv. 1647 (1866).
Epiplema quadristrigata. Hmn.: Faun. Brit. Ind. Moths, iii. p. 128 (1895).
Epiplema pulverea. Hampson: Ill. Typ. Lep. Het., B. M., ix. p. 137, pl. 157, f. 4 (1893).

Type (*pulverea*). Ceylon, in B. M.
a. Mysol (?) (type) (Wallace).
The exact locality of the type specimen is doubtful; it is, however, undoubtedly one of Wallace's specimens collected in the Malay Archipelago.

2283. Epiplema indignaria.

Erosia indignaria. Walker: xxxv. 1645 (1866).
a. New Guinea (type) (Wallace).

2284. Epiplema conflictaria.

Erosia conflictaria. Walker: xxiii. 851 (1861).
Epiplema conflictaria. Hmn.: Ill. Typ. Lep. Het., B. M. ix. 33. 858 (1893).
———————— Faun. Brit. Ind. Moths, iii. p. 129 (1895).
Erosia exprimataria. Walker: xxiii. 851.
Erosia diffinaria. Walker: xxiii. 852.
Erosia secutaria. Walker: xxxv. 1645 (1866).
Dirades parvula. Moore: Lep. Ceylon, iii. p. 402, pl. 186, f. 5 (1887).
———————— C. and S.: Cat. Moths of India, iv. 466. 3065 (1888).
Epiplema parvula. Hampson: Ill. Typ. Lep. Het., B. M., ix. 33. 855.
Dirades lilacina. Moore: l. c., f. 4.
———————— Cotes and Swinh.: l. c., 465. 3061.
Erosia lilacina. Hampson: l. c., viii. 26. 721 (1891).

Type ♂. Ceram, in B. M.

Types (*parvula* and *lilacina*). Ceylon, in B. M.

a. Sarawak, Borneo (♀ type) (Wallace). b. Sarawak (type *exprimataria*) (Wallace). c. Sarawak (type *diffinaria*) (Wallace). d. Sumatra (type *secutaria*) (Wallace).

2285. Epiplema scissata.

Erosia scissata. Walker: xxxv. 1647 (1866).

a. Mysol (type) (Wallace).

2286. Epiplema desistaria.

Erosia (?) *desistaria.* Walker: xxiii. 853 (1861).
Erosia inclarata. Walker: xxxv. 1646 (1866).
Erosia instabilata. Walker: xxxv. 1646.
Epiplema instabilata. Hampson: Faun. Brit. Ind. Moths, iii. p. 131 (1895).
———————— Leech: Ann. Mag. N. H. (6), xix. p. 186 (1897).
Erosia insolita. Walker: xxxv. 1648.
Epiplema insolita. Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 115.
Dirades conchiferata. Moore: Lep. Ceylon, iii. p. 403, pl. 186, f. 11 (1887).
———————— C. and S.: Cat. Moths of India, iv. 464. 3053 (1888).
———————— Swinhoe: l. c., 1890, p. 201.
Epiplema conchiferata. Hmn.: Ill. Typ. Lep. Het., B. M., ix. 33. 859 (1893).
Erosia semibrunnea. Pag.: J. B. Nass., xxxvii. p. 258, pl. 6, f. 6 (1884).
Epiplema semifulva (*sub sp.*). Warren: Nov. Zool., iv. p. 25 (1897).
Epiplema fuscata (*ab.*). Warren: l. c., p. 385.

Type (*conchiferata*). Ceylon, in B. M.

Types (*semifulva* and *fuscata*). Khasia Hills, in coll. Rothschild.

a. Sarawak, Borneo (type) (Wallace). b. Siam (type *inclarata*) (Mouhot). c. Mysol (type *instabilata*) (Wallace). d. Flores (type *insolita*) (Wallace).

They vary a little one from the other, but I have received them all from Sarawak. I believe them to be one species.

2287. Epiplema albidaria.

Erosia albidaria. Walker: xxxv. 1644 (1866).

a. Mysol (type) (Wallace).

There is only a fragment of this type left, but it seems to represent a distinct species.

2288. Epiplema nivosaria. Pl. v. f. 8.

Erosia nivosaria. Walker: xxxv. 1644 (1866).
Erosia paucifera. Walker: xxxv. 1648.

a. Mysol (type) (Wallace). b. Mysol. c. Sula (type *paucifera*) (Wallace).

Paucifera has fewer spots than *nivosaria*; specimen b has no spots at all, but all have indications of identical spots and markings, and are certainly all one species.

2289. Epiplema bicaudata.

Acidalia bicaudata. Moore: P. Z. S., Lond., 1867, p. 643, pl. 33, f. 12.
Idæa bicaudata. C. and S.: Cat. Moths of India, iv. 576. 3922 (1888).
Erosia bicaudata. Butler: Ill. Typ. Lep. Het., B. M., vii. p. 16 (1889).
Dirades bicaudata. Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 166.
Epiplema bicaudata. Hmn.: Faun. Brit. Ind. Moths, iii. p. 130 (1895).
——————— Leech: Ann. Mag. N. H. (6), xix. p. 186 (1897).

Type. Darjiling, in coll. Russell.

a. India (2).

Genus **ERSCHOFFIA.** nov. nom.

Eversmannia. Ersch.: Bull. Mosc., xliii. (2), p. 316 (1871) (praeocc.).

2290. Erschoffia candidaria. Pl. v. f. 18.

Erosia candidaria. Walker: xxxv. 1643 (1866).

a. New Guinea (type) (Wallace).

The male has pectinated antennæ in this genus.

2291. Erschoffia biplagiata. Pl. v. f. 19.

Dirades (?) *biplagiata.* Walker: xxxv. 1652 (1866).

a. Mysol (type) (Wallace).

Genus **DIRADES.** Walker: xxxv. 1650 (1866).

2292. Dirades adjutaria.

Erosia adjutaria. Walker: xxiii. 849 (1861).
——————— Hmn.: Ill. Typ. Lep. Het., B. M., viii. 26. 718 (1891).
Dirades adjutaria. Moore: Lep. Ceylon, iii. p. 400, pl. 186, f. 9 (1887).
——————— C. and S.: Cat. Moths of India, iv. 464. 3049 (1888).
Dirades binotata. Walker: xxxv. 1650.
——————— Moore: l. c., p. 399, pl. 186, f. 38 ♀.
——————— Cotes and Swinh.: l. c., 3051.
——————— Hampson: l. c., 26. 716.
Erosia verticaria. Felder: Reise Nov. Lep., pl. 128, f. 7 (1874).
——————— Pag.: Abh. Senck. Ges., 1897, p. 430.
Erosia theclata. Butler (nec Guen.): P. Z. S., Lond., 1883, p. 171.
——————— Swinhoe: P. Z. S., Lond., 1885, p. 863.
Dirades theclata. Butler: Ill. Typ. Lep. Het., B. M., vii. p. 16 (1889).
——————— Hampson: l. c., ix. 33. 862 (1893).
——————————— Faun. Brit. Ind. Moths, iii. p. 132 (1895).

Type. Ceylon, in B. M.
Type (*binotata*). Ceylon, in B. M.
a. Nilgiri Hills. b. Ganjam (Minchin). c. Bombay.

Butler and Hampson sink *adjutaria* to *theclata*, Guen.; the type of the latter, however, came from Sierra Leone, and Guenee's description of the hind-wings is quite sufficient to show its distinction from *adjutaria*; and I cannot believe any one after examining African examples would put them together.

2293. Dirades subdentata. Pl. v. f. 9.

Dirades subdentata. Walker: xxxv. 1651 (1866).

a. Mysol (type) (Wallace).

2294. Dirades leucocephala.

Erosia leucocephala. Walker: xxvi. 1758 (1862).
Erosia stolida. Butler: Trans. Ent. Soc., Lond., 1886, p. 415.

Type. Moreton Bay, in B. M..
Type (*stolida*). Rockhampton, in B. M.
a. Queensland (4).

GENUS **GATHYNIA.** Walker: xxvi. 1639 (1862).

2295. Gathynia miraria.

Gathynia miraria. Walker: xxvi. 1639.
——— Moore: Lep. Ceylon, iii. p. 398, pl. 187, f. 4 (1887).
——— C. and S.: Cat. Moths of India, iv. 466. 3072 (1888).
——— Hampson: Ill. Typ. Lep. Het., B. M., viii. 26. 726 (1891); ix. 34. 866 (1893).
——— Faun. Brit. Ind. Moths, iii. p. 134 (1895).

Type. Ceylon, in B. M.
a. Nilgiri Hills. b. Ceylon (Thwaites).

PSEUDO-GEOMETRINA.

FAMILY **MICRONIIDÆ.**

GENUS **URAPTEROIDES.** Moore: Descr. Ind. Lep. Atk., p. 258 (1888).

2296. Urapteroides astheniata.

Micronia astheniata. Guen.: Phal., ii. 24. 925 (1857).
——— Walker: xxiii. 821 (1861).
——— Hopffer: Stett. ent. Zeit., 1874, p. 4.
——— Westw.: Trans. Z. S., Lond., 1879, p. 514.
——— Snellen: Midd. Sum., iv. p. 55 (1880).
——— Pag.: Jahrb. Nass. Ver., 1885, p. 50.
——— Abh. Senck. Ges., 1897, p. 429.
Urapteroides astheniata. Moore: l. c., p. 259.

Urapteroides astheniata. C. and S.: Cat. Moths of India, iv. 589. 4025 (1888).
———— Hmn.: Ill. Typ. Lep. Het., B. M., ix. 33. 845 (1893).
———— Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 163.
———— Hmn.: Faun. Brit. Ind. Moths, iii. p. 113 (1895).

a. India. b. Singapore (3) (Horsley). c. Sarawak, Borneo (Wallace).

2297. Urapteroides urapterina.

Strophidia urapterina. Butler: P. Z. S., Lond., 1879, p. 165.
———— Meyrick: Trans. Ent. Soc., Lond., 1886, p. 202.

Type. New Ireland, in B. M.

a. West Australia.

2298. Urapteroides caudiferaria.

Urapteryx caudiferaria. Boisd.: Voy. de l'Astrolabe, i. Lep., 255. 2 (1832).
———— Walker: xxvi. 1479 (1862).
Asthenia mundaria. Walker: xxxv. 1919 (1866).
Strophidia pannata. Felder: Reise Nov. Lep., pl. 128, f. 39 (1874).
Strophidia phantasma. Felder: l. c., f. 40.
Urapteryx geminia, var. destrigata. Kirsch: New Guinea, p. 133 (1877).
Strophidia clarissima. Butler: P. Z. S., Lond., 1879, p. 165.

Type (*pannata*). Gilolo, in coll. Rothschild.
Type (*phantasma*). Java, in coll. Rothschild.
Type (*clarissima*). New Ireland, in B. M.

a. Gilolo (type ♂ *mundaria*) (Wallace). b. Gilolo (Wallace). c. New Guinea (type ♀ *mundaria*) (Wallace).

2299. Urapteroides equestraria.

Urapteryx equestraria. Boisd.: Voy. de l'Astrolabe, i. Lep. p. 255 (1832).
———— Walker: xxvi. 1479 (1862).
Micronia ductaria. Walker: MS.

a. Amboina (Wallace). b. Ceram (Wallace). c. Aru (Wallace). d. Bouru (Wallace).

2300. Urapteroides geminia.

Phalæna Geometra geminia. Cram.: Pap. Exot., ii. p. 57, pl. 133, f. C (1779).
Asthenia geminia. Westw.: Nat. Libr., xxxvii. p. 210 (1841).
———— Walker: xxxii. 379 (1865); xxxv. 1918 (1866).
Urapteryx geminia. Pag.: Jahrb. Nass. Ver., 1884, p. 250, and 1888, p. 165.
———— Abh. Senck. Ges., 1897, p. 428.

a. Batchian (3) (Leyden Mus.). b. Gilolo (Wallace). c. Batchian (Wallace). d. Mysol (2) (Wallace).

2301. Urapteroides bifasciata.

Strophidia bifasciata ♂. Butler: P. Z. S., Lond., 1879, p. 165.
———— Meyrick: Trans. Ent. Soc., Lond., 1889, p. 482.
Strophidia costalis ♀. Butler: Ann. Mag. N. H. (6), ii. p. 246 (1888).

Type. New Ireland, in B. M.
Type (*costalis*). Shortland Isl., in B. M.

a. New Guinea (2) (Wallace).

GENUS **STROPHIDIA.** Hübn.: Verz., p. 290 (1816).

2302. Strophidia fasciata.

Phalæna Geometra fasciata. Cram.: Pap. Exot., ii. p. 12, pl. 104, f. D (1779).
Micronia fasciata. Moore: P. Z. S., Lond., 1867, p. 646.
Strophidia fasciata. Moore: Lep. Ceylon, iii. p. 460, pl. 203, f. 7 (1887).
——————— C. and S.: Cat. Moths of India, iv. 588. 4016 (1888).
——————— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 216; 1894, p. 163.
——————— Hampson: Ill. Typ. Lep. Het., B.M., ix. 33. 846 (1893).
——————— Faun. Brit. Ind. Moths, iii. p. 114 (1895).
Phalæna caudata. Fabr.: Ent. Syst., iii. (2), 163. 124 (1794).
Micronia caudata. Guen.: Phal., ii. 25. 926 (1857).
Strophidia caudaria. Hübn.: l. c.
Micronia obtusata. Guen.: l. c., 25. 927, pl. 5, f. 6.
——————— Walker: xxiii. 816 (1861).
——————— Moore: P. Z. S., Lond., 1867, p. 646; 1877, p. 622.
——————— Journ. As. Soc., Beng., lv. (2), p. 99 (1886).

a. Singapore. b. Sarawak, Borneo (Wallace).

2303. Strophidia directaria.

Micronia directaria. Walker: xxxv. 1640 (1866).

a. Aru (type) (Wallace). b. Ceram (Wallace). c. Mysol (Wallace).

All the examples are males.

GENUS **STESICHORA.** Meyrick: Trans. Ent. Soc., Lond., 1886, p. 200.

2304. Stesichora puellaria.

Micronia puellaria. Walker: xxxv. 1641 (1866).
Stesichora puellaria. Meyrick: l. c.
Micronia titania. Kirsch.: Mitth. Dveod., p. 134, pl. 7, f. 11 (1877).
——————— Pag.: J. B. Nass. Ver., 1886, p. 156.
——————— Abh. Senck. Ges., 1897, p. 429.
Stesichora nivea. Warren: Nov. Zool., iv. p. 24 (1894).
Stesichora unipuncta. Warren: l. c., vi. p. 9 (1899).

Type (*nivea*). Ké Isl., in coll. Rothschild.
Type (*unipuncta*). Goodenough Isl., in coll. Rothschild.

a. New Guinea (type) (Wallace). b. Batchian (Wallace). c. Waigiu (Wallace). d. New Guinea (Wallace).

The number of black spots on hind-wings is very variable, sometimes they are all absent.

2305. Stesichora basiguttaria.

Micronia basiguttaria. Walker: xxxv. 1641 (1866).

a. Mysol (type) (Wallace).

GENUS **AUZEA**. Walker: xxvi. 1487 (1862).

2306. Auzea rufifrontata.

Auzea rufifrontata. Walker: xxvi. 1487.
———— Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 164.
———— Hampson: Faun. Brit. Ind. Moths, iii. p. 119 (1895).
Decetia rufifrontata. Butler: Ill. Typ. Lep. Het., B. M., vi. p. 58, pl. 113, f. 10 (1886).
———— C. and S.: Cat. Moths of India, iv. 488. 3227 (1888).
Cyclidia rectata. Walker: xxxv. 1536 (1866).
Chorodna rectata. Moore: P. Z. S., Lond., 1867, p. 614.
———— Cotes and Swinh.: l. c., 475. 3127.

Type. India, in B. M.
Type (*rectata*). Darjiling, in coll. Staudinger.
a. India.

GENUS **ACROPTERIS**. Hübn.: Geyer Zuträge, iv. p. 38 (1832).

2307. Acropteris striataria.

Phalæna-Geometra striataria. Clerck: Icon., pl. 55, f. 4 (1759).
———— Linn.: Syst. Nat., i. (2), 2418. 197 (1767).
Phalæna striataria. Gmel.: ed. Syst. Nat., i. (5), 2448. 197 (1787).
Micronia striataria. Guen.: Phal., ii. 28. 934 (1857).
———— Walker: xxiii. 818 (1861).
———— Moore: P. Z. S., Lond., 1867, p. 646.
Acropteris striataria. Moore: Descr. Ind. Lep. Atk., p. 257 (1888).
———— C. and S.: Cat. Moths of India, iv. 589. 4022 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 216; 1894, p. 163.
———— Hmn.: (part) Faun. Brit. Ind. Moths, iii. p. 115 (1895).
Acropteris grammearia. Hübn.: l. c., f. 761. 762.
Micronia grammearia. Guen.: l. c., 27. 931.
———— Walker: xxiii. 824.
———— Moore: P. Z. S., Lond., 1878, p. 852.
———— Cotes and Swinh.: l. c., 4021.
Micronia caseata. Guen.: l. c., 27. 932.
———— Walker: xxiii. 824.
———— Moore: Journ. As. Soc., Beng., liii. (2), 3, p. 237 (1884); lv. p. 99 (1886).
———— Journ. Linn. Soc., Lond., xxi. p. 57 (1886).
Acropteris caseata. Cotes and Swinh.: l. c., 588. 4020.
———— Swinhoe: l. c., 1890, p. 216.

a. Silhet. b. Cambodia, Siam (Mouhot). c. Amboina (Wallace). d. Without locality (2).

2308. Acropteris rectinervata.

Micronia rectinervata ♂. Guen.: Phal., ii. 27. 933 (1857).
———— Walker: xxiii. 818 (1861).
Micronia leptaliata ♀. Guen.: l. c., 28. 935.
———— Walker: xiii. 823.

a. Singapore (Wallace). b. Sarawak (Wallace). c. Borneo. d. Without locality. e. Sumatra (Wallace).

This species much resembles *A. striataria*, but there is a difference in the venation of the male.

2309. Acropteris teriadata.

Micronia teriadata. Guen.: Phal., ii. 29. 936 (1857).
———— Walker: xxiii. 825 (1861).
———— C. and S.: Cat. Moths of India, iv. 587. 4015 (1888).
Stesichora teriadata. Meyrick: Trans. Ent. Soc., Lond., 1889, p. 483.
Micronia defectaria. Walker: xxiii. 824.
Micronia ceramata. Walker: xxvi. 1624 (1862).
Anteia canescens. Lucas: Proc. Linn. Soc., N. S. W., 1891, p. 300.
Acropteris striataria. Hmn.: (part) Faun. Brit.Ind. Moths,iii. p. 115 (1895).

Type (*defectaria*). Moreton Bay, in B. M.
Type (*ceramata*). Ceram, in B. M.
a. Ceram (Wallace).

2310. Acropteris ciniferaria.

Micronia ciniferaria. Walker: xxxv. 1642 (1866).
Acropteris ciniferaria. Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 164.
Micronia adspersata. Snellen: Tijd. voor Ent., xx. p. 43, pl. 3, f. 22 (1877).
Micronia vagata. Moore: P. Z. S., Lond., 1877, p. 622, pl. 60, f. 18; 1878, p. 852.
———— Journ. Linn. Soc., Lond., Zool., xxi. p. 57 (1886).
———— Journ. As. Soc., Beng., lv. (2), p. 99 (1886).
Acropteris vagata. C. and S.: Cat. Moths of India, iv. 589. 4023 (1888).
———— Swinhoe: l. c., 1890, p. 216.
Micronia obliquaria. Moore: P. Z. S., Lond., 1877, p. 622, pl. 60, f. 17.
———— Cotes and Swinh.: l. c., 587. 4013.
Acropteris obliquaria. Hmn.: Faun. Brit. Ind. Moths, iii. p. 115 (1895).

Types (*vagata* and *obliquaria*). Andaman Islands, in B. M.
a. Siam (type) (Mouhot).

2311. Acropteris iphiata.

Micronia iphiata. Guen.: Phal., ii. 29. 932 (1857).
———— Walker: xxiii. 825 (1861).
———— Pag.: Abh. Senck. Ges., 1897, p. 429.
Acropteris iphiata. Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 163.
———— Hampson: Faun. Brit. Ind. Moths, iii. p. 116 (1895).
———— Leech: Ann. Mag. N. H. (6), xix. p. 181 (1897).
Micronia pontiata. Guen.: l. c., 29. 938.
———— Walker: xxiii. 819.
Micronia convexaria. Walker: xxiii. 819.

Type (*convexaria*). ♂ N. China, ♀ Landoor, India, in B. M.
a. Menado, Celebes (Wallace). b. N. China. c. Indore (Hearsay).

2312. Acropteris inchoata.

Micronia inchoata. Walker: xxvi. 1624 (1862).
Micronia trilinearia. Walker: xxxv. 1642 (1866).

Type. Mysol, in B. M.

a. Mysol (Wallace). b. Gilolo (type *trilinearia*) (Wallace). c. New Guinea (Wallace).

GENUS **MICRONIA**. Guen.: Phal., ii. p. 22 (1857).
Anteia. Meyrick: Trans. Ent. Soc., Lond., 1886, p. 201.

2313. Micronia aculeata.

Micronia aculeata. Guen.: l. c., pl. 13, f. 8 ♀.
——————— Walker: xxiii. 817 (1861).
——————— Moore: P. Z. S., Lond., 1867, p. 646; 1877, p. 622; 1878, p. 852.
——————— Swinhoe: P. Z. S., Lond., 1885, p. 860.
——————— Moore: Journ. Linn. Soc., Lond., xxi. p. 57 (1886).
——————— Lep. Ceylon, iii. p. 460, pl. 203, f. 1 ♀ (1887).
——————— C. and S.: Cat. Moths of India, iv. 587. 4012 (1888).
——————— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 215; 1894, p. 163.
——————— Hampson: Ill. Typ. Lep. Het., B. M., viii. 33. 934 (1891); ix. 33. 848 (1893).
——————— Faun. Brit. Ind. Moths, iii. p. 117 (1895).
——————— Leech: Ann. Mag. N. H. (6), xix. p. 182 (1897).
Micronia gannata. Guen.: l. c., 26. 929 ♂.
——————— Walker: xxiii. 817.
——————— Moore: P. Z. S., Lond., 1867, p. 646.
Micronia sparsaria. Walker: xxiii. 818.
——————— Moore: l. c.
——————— Cotes and Swinh.: l. c., 4014.
——————— Swinhoe: l. c., 1890, p. 215, pl. 7, f. 3 (note).

Type (*sparsaria*). India, in B. M.

a. Ceylon (2) (Mosely and Thwaites). b. India (4) (Hearsay). c. Silhet (2). d. Cambodia, Siam (Mouhot). e. Sarawak, Borneo (Wallace). f. Ceram (Wallace).

As pointed out by me in Trans. Ent. Soc., Lond., 1890, p. 7, the type label of *sparsaria* in the B. M. is now on a wrong insect, an *Acropteris*.

2314. Micronia sondaicata.

Micronia sondaicata. Guen.: Phal., ii. 26. 930 (1857).
——————— Walker: xxiii. 823 (1861).
——————— Pag.: J. B. Nass. Ver., 1884, p. 256, 1886, p. 156.
Micronia adjudicataria. Walker: xxiii. 822.
Micronia responsaria. Walker: xxiii. 823.
Micronia aculeata. Hmn.: (part) Faun. Brit. Ind. Moths, iii. p. 117 (1895).

Type (*adjudicataria*). Java, in B. M.
Type (*responsaria*). Celebes, in B. M.

a. Ceram (Wallace).

2315. Micronia justaria.

Micronia justaria. Walker: xxiii. 821 (1861).

Stesichora justaria. Meyrick: Trans. Ent. Soc., Lond., 1889, p. 482.
Anteia ithygramma. Meyrick: l. c., 1886, p. 201.
Micronia tristriata. Pag.: J. B. Nass. Ver., 1886, p. 156.

Type. Dorey, in B. M.
Type (*ithygramma*). New Britain, in B. M.
a. Dorey (Wallace). b. Aru (Wallace). c. Mysol (Wallace). d. West Australia.

2316. Micronia angulilinea.

Stesichora angulilinea. Warren: Nov. Zool., iv. p. 24 (1897).

Type. Dili, Timor, in coll. Rothschild.
a. Timor (Wallace).

GENUS **PSEUDOMICRONIA.** Moore: Lep. Ceylon, iii. p. 461 (1887).

2317. Pseudomicronia advocataria.

Micronia advocataria. Walker: xxiii. 822 (1861).
Micronia oppositata. Snellen: Tijd. voor Ent., xxiv. p. 84, pl. 9, f. 6 (1881).
——— Pag.: J. B. Nass. Ver., 1884, p. 256.
——— Abh. Senck. Ges., 1897, p. 429.
Pseudomicronia trimaculata. Warren: Nov. Zool., iv. p. 199 (1897).

Type. Ceram, in B. M.
Type (*trimaculata*). Without locality, in coll. Rothschild.
a. Flores (Wallace).

GEOMETRINA.

FAMILY **BOARMIIDÆ.**

SUB-FAMILY OURAPTERYGINÆ.

GENUS **OURAPTERYX.** Leach: Zool. Misc., p. 79 (1814).

2318. Ourapteryx ebuleata.

Urapteryx ebuleata. Guen.: Phal., i. 32. 7 (1857).
——— Walker: xx. 12 (1860).
——— Moore: P. Z. S., Lond., 1867, p. 612.
——— Butler: Journ. Linn. Soc., Lond., Zool., xvii. p. 199 (1883).
——— C. and S.: Cat. Moths of India, iv. 471. 3102 (1888).
——— Hampson: Faun. Brit. Ind. Moths, iii. p. 145 (1895).
——— Leech: Ann. Mag. N. H. (6), xix. p. 192 (1897).
Urapteryx multistrigaria. Walker: xxxv. 1535 (1866).
——— Moore: l. c.
——— Butler: l. c., p. 198.
——— Cotes and Swinh.: l. c., 472. 3106.
——— Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 192.
Urapteryx kantalaria. Felder: Reise Nov. Lep., pl. 122, f. 3 (1873).
Urapteryx yerburii. Butler: P. Z. S., Lond., 1886, p. 388.
——— Cotes and Swinh.: l. c., 473. 3111.
——— Alph.: Rom. Mem., vi. p. 52 (1892).

Type (*multistrigaria*). N. India, in B. M.
Type (*kantalaria*). Himalayas, in coll. Rothschild.
Type (*yerburii*). Murree, in B. M.
a. Darjiling.

2319. Ourapteryx sciticaudaria.

Urapteryx sciticaudaria. Walker: xxvi. 1480 (1862).
——— Moore: P. Z. S., Lond., 1867, p. 612.
——— Butler: Journ. Linn. Soc., Lond., Zool., xvii. p. 198 (1883).
——— Ill. Typ. Lep. Het., B. M., vi. p. 50, pl. 113, f. 5 (1886).
——— Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 192.
——— Hmn.: Faun. Brit. Ind. Moths, iii. p. 145 (1895).
Urapteryx picticaudata. C. and S.: (part) Cat. Moths of India, iv. 472. 3107 (1888).

Type. Without locality, in B. M.
a. India (2).

2320. Ourapteryx picticaudata.

Urapteryx picticaudata. Walker: xx. 12 (1860).
——— C. and S.: Cat. Moths of India, iv. 473. 3107 (1888).
——— Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 192.
——— Hampson: (part) Faun. Brit. Ind. Moths, iii. p. 146 (1895).

a. Sarawak, Borneo (type ♂) (Wallace).

2321. Ourapteryx podaliriata.

Urapteryx podaliriata. Guen.: Phal., i. p. 32 (1857).
——— Walker: xx. 12 (1860).
——— Moore: P. Z. S., Lond., 1867, p. 612, 1878, p. 850.
——— Butler: Journ. Linn. Soc., Lond., Zool., xvii. p. 199 (1883).
——— C. and S.: Cat. Moths of India, iv. 472. 3108 (1888).
——— Hmn.: Faun. Brit. Ind. Moths, iii. p. 146 (1895).

a. India. b. Sarawak, Borneo (Wallace). c. Borneo.

Genus **SIRINOPTERYX**. Butler: Journ. Linn. Soc., Lond., Zool., xvii. p. 201 (1883).

2322. Sirinopteryx rufivinctata.

Urapteryx rufivinctata. Walker: xxvi. 1747 (1862); xxxv. 1535 (1866).
——— Moore: P. Z. S., Lond., 1867, p. 613.
Sirinopteryx rufivinctata. Butler: l. c.
——— C. and S.: Cat. Moths of India, iv. 473. 3113 (1888).
——— Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 193.
——— Hmn.: Faun. Brit. Ind. Moths, iii. p. 147 (1895).
——— Leech: Ann. Mag. N. H. (6), xix. p. 194 (1897).
Sirinopteryx rufilineata. Warren: P. Z. S., Lond., 1893, p. 385.

Type. Darjiling, in coll. Staudinger.
Type (*rufilineata*). Khasia Hills, in coll. Elwes.
a. Khasia Hills (3).

GENUS **EUCTENURAPTERYX.** Warren: Nov. Zool., i. p. 399 (1894).

2323. Euctenurapteryx maculicaudaria.

Acœna maculicaudaria. Motsch.: Bull. Soc. Nat. Mosc., i. p. 196 (1866).
Urapteryx maculicaudaria. Butler: Journ. Linn. Soc., Lond., Zool., xvii. p. 199 (1883).
Euctenurapteryx maculicaudaria. Warren: l. c.
——————— Leech: Ann. Mag. N. H. (6), xix. p. 193 (1897).
Urapteryx luteiceps. Felder: Reise Nov. Lep., pl. 122, f. 2 (1875).
——————— Graeser: Berl. Ent. Zeit., 1890, p. 81.

Type (*luteiceps*). Japan, in coll. Rothschild.
a. Nikko, Japan.

GENUS **TRISTROPHIS.** Butler: Journ. Linn. Soc., Lond., Zool., xvii. p. 199 (1883).

2324. Tristrophis veneris.

Urapteryx veneris. Butler: Ann. Mag. N. H. (5), i. p. 392 (1878).
——————— Ill. Typ. Lep. Het., B. M., iii. p. 29, pl. 48, f. 1 (1879).
Tristrophis veneris. Butler: Journ. Linn. Soc., Lond., Zool., xvii. p. 200.
——————— Leech: Ann. Mag. N. H. (6), xix. p. 195 (1897).

Type. Yokohama, in B. M.
a. Japan.

2325. Tristrophis subpunctaria.

Urapteryx subpunctaria. Leech: Entom. Suppl., p. 42 (1891).
——————— Ann. Mag. N. H. (6), xix. p. 192, pl. 6, f. 2 (1897).
Tristrophis obtusicauda. Warren: Nov. Zool., i. p. 399 (1894).

Type. Japan, in coll. Leech.
Type (*obtusicauda*). Japan, in coll. Rothschild.
a. Japan (3).

GENUS **THINOPTERYX.** Butler: Journ. Linn. Soc., Lond., Zool., xvii. p. 202 (1883).

2326. Thinopteryx crocoptera.

Urapteryx crocoptera. Koll.: Kasch von Hügel, iv. p. 483 (1844).
Thinopteryx crocoptera. Hampson: (part) Faun. Brit. Ind. Moths, iii. p. 148 (1895).
——————— Leech: Ann. Mag. N. H. (6), xix. p. 193 (1897).
Urapteryx crocopterata. Guen.: Phal., i. p. 29 (1857).
——————— Walker: xx. 10 (1860).
——————— Moore: P. Z. S., Lond., 1867, p. 613; 1877, p. 620.
Thinopteryx crocopterata. Butler: l. c.
——————— Moore: Journ. As. Soc., Beng., lv. (2), i. p. 99 (1886).
——————— C. and S.: Cat. Moths of India, iv. 473. 3114 (1888).
——————— Butler: Ill. Typ. Lep. Het., B. M., vii. p. 20 (1889).

Thinopteryx crocopterata. Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 203; 1894, p. 193.
———— Hampson: Ill. Typ. Lep. Het., B. M., viii. 26. 728 (1891).
Thinopteryx striolata. Butler: l. c.

Type (*striolata*). Yokohama, in B. M.
a. India (3)

2327. Thinopteryx citrina.

Thinopteryx citrina. Warren: Nov. Zool., i. p. 401 (1894).
Urapteryx crocopterata, var. B. Guen.: Phal., i. p. 29 (1857).
Thinopteryx prætoraria. Butler (nec Felder): Journ. Linn. Soc., Lond., Zool., xvii. p. 202 (1883).
———— C. and S.: Cat. Moths of India, iv. 473. 3116 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 193.
———— Leech: Ann. Mag. N. H. (6), xix. p. 194 (1897).
Thinopteryx crocoptera. Hmn.: (part) Faun. Brit. Ind. Moths, iii. p. 148 (1895).

Type. Sikkim, in coll. Rothschild.
a. Khasia Hills.

There can be no doubt that the Philippine species described by Felder as *prætoraria* is quite distinct from the above.

2328. Thinopteryx nebulosa.

Thinopteryx nebulosa. Butler: Journ. Linn. Soc., Lond., Zool., xvii. p. 203 (1883).
———— Ill. Typ. Lep. Het., B. M., vi. p. 51, pl. 113, f. 8 (1886); vii. p. 20 (1889).
———— C. and S.: Cat. Moths of India, iv. 473. 3115 (1888).
———— Hmn.: Ill. Typ. Lep. Het., B. M., ix. 34. 869 (1893).
———— Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 193.
Urapteryx crocopterata, var. A. Guen.: Phal., i. p. 29 (1857).

Type. India, in B. M.
a. India. b. Silhet.

Genus **XEROPTERYX**. Butler: Journ. Linn. Soc., Lond. Zool., xvii. p. 203 (1883).

2329. Xeropteryx columbicola.

Urapteryx columbicola. Walker: xx. 11 (1860).
Xeropteryx columbicola. Butler: l. c., pl. 9, f. 5, 6.
———— C. and S.: Cat. Moths of India, iv. 473. 3112 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 193.
———— Hmn.: (part) Faun. Brit. Ind. Moths, iii. p. 148 (1895).

Type. India, in B. M.
a. Sarawak, Borneo (Wallace). b. Assam (Jenkins).

2330. Xeropteryx simplicior.

Xeropteryx simplicior. Butler: Journ. Linn. Soc., Lond., Zool., xvii. p. 204 (1883).

Type. Sarawak, in B. M.
a. Borneo.

GENUS **PAREUMELEA**. Warren: Nov. Zool., i. p. 401 (1894).

2331. Pareumelea fimbriata.

Phalæna (Geometra) fimbriata. Cram.: Pap. Exot., iv. 236, pl. 398, f. N (1782).
Eumelea fimbriata. Walker: xxii. 612 (1861).
——— C. and S.: Cat. Moths of India, iv. 527. 3541 (1888).
Pareumelea fimbriata. Warren: l. c.
——— Hmn.: Faun. Brit. Ind. Moths, iii. p. 150 (1895).
Eumelea eugeniata. Guen.: Phal., i. 394. 633 (1857).
——— Pag.: Jahrb. Nass. Ver., 1884, p. 254.
Eumelea flagrata. Felder: Reise Nov. Lep., pl. 127, f. 39 ♀ (1874).
——— Cotes and Swinh.: l. c., 3542.

Type (*flagrata*). Singapore, in coll. Rothschild.
a. Sumatra (Wallace). b. Singapore (2) (Horsley).

2332. Pareumelea hortensiata.

Eumelea hortensiata. Guen.: Phal., i. 394. 632 (1857).
——— Walker: xxii. 611 (1861).
Eumelea fervidaria. Walker: xxxv. 1615 (1866).
Urapteryx marginipennis. Butler: Journ. Linn. Soc., Lond. (2), i. p. 562 (1879).

Type (*marginipennis*). Malacca, in B. M.
a. Singapore (type *fervidaria*) (Wallace). b. Sumatra (co-type *fervidaria*) (Wallace). c. Sarawak, Borneo (Wallace).

SUB-FAMILY PLUTODINÆ.

GENUS **MYRTETA**. Walker: xxiii. 831 (1861).
Orthocabera. Butler: Ann. Mag. N. H. (5), iv. p. 439 (1879).
Microniodes. Hampson: Ill. Typ. Lep. Het., B. M., ix. p. 139 (1893).

2333. Myrteta planaria.

Myrteta planaria. Walker: xxiii. 831.
——— Moore: P. Z. S., Lond., 1867, p. 646.
——— Butler: Ill. Typ. Lep. Het., B. M., vi. p. 77, pl. 118, f. 9 (1886).
——— C. and S.: Cat. Moths of India, iv. 589. 4027 (1888).
——— Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 194.
——— Hampson: Faun. Brit. Ind. Moths, iii. p. 151 (1895).

Type. N. India, in B. M.
a. India (3).

GENUS **AUZEODES**. Warren: P. Z. S., Lond., 1893, p. 404.

2334. Auzeodes chalybeata.

Decetia chalybeata. Walker: xxxv. 1558 (1866).
a. Sumatra (type) (Wallace).

GENUS **INGENA**. Walker: xxvi. 1571 (1862).

2335. Ingena sciticincta. Pl. v. f. 20.

Ingena sciticincta. Walker: xxvi. 1571.

a. Sarawak, Borneo (type) (Wallace).

GENUS **TASTA**. Walker: xxvi. 1569 (1862).

Dissophthalmus. Butler: Ann. Mag. N. H. (5), vi. p. 219 (1880).

2336. Tasta micaceata.

Tasta micaceata. Walker: xxvi. 1570.
———— Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 194.
———— Hampson: Faun. Brit. Ind. Moths, iii. p. 154 (1895).
Dissophthalmus iridis. Butler: l. c.

Type (*iridis*). Sarawak, in B. M.

a. Sarawak, Borneo (type) (Wallace).

GENUS **LEUCETÆRA**. Warren: Nov. Zool., i. p. 405 (1894).

2337. Leucetæra inamata.

Acidalia inamata. Walker: xxii. 755 (1861).
Noreia inamata. Moore: Lep. Ceylon, iii. p. 406, pl. 185, f. 4 (1887).
———— C. and S.: Cat. Moths of India, iv. 489. 3232 (1888).
———— Hmn.: Ill. Typ. Lep. Het., B. M., ix. 34. 878 (1893).
Bapta inamata. Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 193.
———— Hmn.: Faun. Brit. Ind. Moths, iii. p. 154 (1895).
———— Leech: Ann. Mag. N. H. (6), xix. p. 199 (1897).
Acidalia simpliciaria. Walker: xxiii. 793 (1861).
Noreia (?) *luciferata.* Walker: xxiv. 1093 (1862).

Type. Ceylon, in B. M.

Type (*simpliciaria*). India, in B. M.

Type (*luciferata*). Sarawak, in B. M.

a. Sarawak, Borneo (Wallace).

GENUS **BAPTA**. Steph.: Brit. Ent. Haust., iii. p. 294 (1829).

2338. Bapta platyleucata.

Acidalia platyleucata. Walker: xxxv. 1628 (1866).
Cabera platyleucata. Moore: P. Z. S., Lond., 1867, p. 647.
———— C. and S.: Cat. Moths of India, iv. 534. 3594 (1888).
Bapta platyleucata. Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 193.
———— Hampson: Faun. Brit. Ind. Moths, iii. p. 155 (1895).
———— Leech: Ann. Mag. N. H. (6), xix. p. 198 (1897).

Type. N. India, in B. M.

a. India (2).

GENUS **PLATYCEROTA**. Hampson: Ill. Typ. Lep. Het., B. M., ix. p. 141 (1893).

2339. Platycerota spilotelaria.

Ennomos (?) *spilotelaria.* Walker: xxvi. 1519 (1862).

Ennomos (?) *spilotelaria.* C. and S.: Cat. Moths of India, iv. 481. 3172 (1888).
Alana spilotelaria. Hmn.: Ill. Typ. Lep. Het., B. M., viii. 28. 767, pl. 149, f. 5, 6, 11, 12 (1891).
Platycerota spilotelaria. Hampson: Faun. Brit. Ind. Moths, iii. p. 156 (1895).
Anisodes inapertaria. Walker: xxvi. 1581 (1862).
———— Cotes and Swinh.: l. c., 531. 3567.

Type. South India, in B. M.
Type (*inapertaria*). South India, in B. M.
a. Nilgiri Hills.

Genus **APLOCHLORA.** Warren: P. Z. S., Lond., 1893, p. 386.

2340. Aplochlora vivilaca.

Iodis vivilaca. Walker: xxii. 544 (1861).
———— Swinhoe: P. Z. S., Lond., 1885, p. 855.
———— Moore: Lep. Ceylon, iii. p. 430, pl. 195, f. 3 ♀ (1887).
———— C. and S. Cat. Moths of India, iv. 526. 3534 (1888).
———— Hmn.: Ill. Typ. Lep. Het., B. M., ix. 38. 988 (1893).
Aplochlora vivilaca. Warren: l. c.
———— Hampson: Faun. Brit. Ind. Moths, iii. p. 157 (1895).
———— Warren: Nov. Zool., v. p. 423 (1898).

Type. Ceylon, in B. M.
a. Bombay.

Genus **METROCAMPA.** Latr.: Faun. Nat. Reg. An., p. 477 (1825).

Tanaoctenia. Warren: Nov. Zool., i. p. 464 (1894).

2341. Metrocampa haliaria.

Geometra haliaria. Walker: xxii. 518 (1861).
———— Moore: P. Z. S., Lond., 1867, p. 636.
———— Butler: Ill. Typ. Lep. Het., B. M., vi. p. 70, pl. 117, f. 7 (1886).
———— C. and S.: Cat. Moths of India, iv. 515. 3442 (1888).
Metrocampa haliaria. Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 203.
———— Hmn.: Faun. Brit. Ind. Moths, iii. p. 157 (1895).
Geometra decoraria. Walker: xxxv. 1601 (1866).

Type. India, in B. M.
Type (*decoraria*). N. India, in B. M.
a. India (2) (Ashmol. Mus.).

Genus **MICRONISSA.** Swinh.: Trans. Ent. Soc., Lond., 1891, p. 483.

Archiplutodes. Warren: Nov. Zool., i. p. 404 (1894).

2342. Micronissa delphinaria.

Micronissa delphinaria. Swinh.: Ann. Mag. N. H. (6), xii. p. 152 (1893).
———— Trans. Ent. Soc., Lond., 1894, p. 195.
Plutodes delphinaria. Hmn.: Faun. Brit. Ind. Moths, iii. p. 160 (1895).

Micronissa margaritata. Swinh. (nec Moore) : Trans. Ent. Soc., Lond., 1891, p. 483.

Type. Khasia Hills, in B. M.
a. Khasia Hills (2).

2343. Micronissa prasina.

Asthena prasina. Swinh.: Trans. Ent. Soc., Lond., 1892, p. 13, pl. 1, f. 10.
Plutodes prasina. Swinhoe : l. c., 1894, p. 196.
———— Hampson : Faun. Brit. Ind. Moths, iii. p. 160 (1895).
Archiplutodes prasina. Warren : Nov. Zool., i. p. 404 (1894).

Type. Khasia Hills, in B. M.
a. Khasia Hills (3).

2344. Micronissa subcaudata.

Plutodes subcaudata. Butler: Ann. Mag. N. H. (5), vi. p. 224 (1880).
———— Ill. Typ. Lep. Het., B. M., vi. p. 81, pl. 119, f. 5 (1886).
———— C. and S. : Cat. Moths of India, iv. 549. 3701 (1888).
———— Swinhoe : Trans. Ent. Soc., Lond., 1894, p. 196.
———— Hampson : Faun. Brit. Ind. Moths, iii. p. 161 (1895).

Type. Darjiling, in B. M.
a. Khasia Hills (2).

2345. Micronissa costata.

Garæus costatus. Butler: Ill. Typ. Lep. Het., B. M., vi. p. 53, pl. 114, f. 4 (1886).
———— C. and S. : Cat. Moths of India, iv. 402. 3182 (1888).
Plutodes costatus. Swinhoe : Trans. Ent. Soc., Lond., 1894, p. 196.
———— Hampson : Faun. Brit. Ind. Moths, iii. p. 161 (1895).
Plutodes triangularis. Warren : P. Z. S., Lond., 1893, p. 388.

Type. Darjiling, in B. M.
Type (*triangularis*). Sikkim, in coll. Elwes.
a. Khasia Hills (2).

GENUS **PLUTODES.** Guen.: Phal., ii. p. 117 (1857).

2346. Plutodes cyclaria.

Plutodes cyclaria. Guen.: l. c., 118, 1111, pl. 20, f. 3 (1857).
———— Walker : xxiii. 976 (1861).
———— C. and S. : Cat. Moths of India, iv. 548. 3697 (1888).
———— Hampson : Faun. Brit. Ind. Moths, iii. p. 162 (1895).

a. Singapore (Wallace). b. Sarawak, Borneo (Wallace).
c. Singapore (2).

2347. Plutodes transmutata.

Plutodes transmutata. Walker : xxiii. 976 (1861).
———— Butler: Ill. Typ. Lep. Het., B. M., vi. p. 79, pl. 119, f. 1 (1886).
———— Moore: Lep. Ceylon, iii. p. 472, pl. 205, f. 7 (1887).
———— C. and S.: Cat. Moths of India, iv. 549. 3702 (1888).
———— Hmn.: Ill. Typ. Lep. Het., B. M., ix. 34. 886 (1893).
———— Faun. Brit. Ind. Moths, iii. p. 162 (1895).

Comibæna gavisata. Walker: xxvi. 1566 (1862).

Type. N. India, in B. M.

Type (*gavisata*). N. India, in B. M.

a. Bombay.

2348. Plutodes flavescens.

Plutodes flavescens. Butler: Ann. Mag. N. H. (5), vi. p. 223 (1880).
——————— Ill. Typ. Lep. Het., B. M., vi. p. 80, pl. 119, f. 3 (1886).
——————— C. and S.: Cat. Moths of India, iv. 548. 3700 (1888).
——————— Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 195.
Plutodes discigera. Hmn.: (part) Faun. Brit. Ind. Moths, iii. p. 162 (1895).

Type. N. E. Himalayas, in B. M.

a. Khasia Hills (2).

GENUS **THALAINA.** Walker: iii. 659 (1855).

2349. Thalaina principaria.

Plusargyria principaria. Herr. Schäff.: Auss. Schm., f. 446 (1850).
Absyrtes principaria. Guen.: Phal., ii. p. 227 (1857).
Thalaina inscripta. Walker: iii. 661.
——————— Rostk.: Ann. Mag. N. H. (5), xvi. p. 383 (1885).
——————— Meyrick: Pr. Linn. Soc., N. S. W., 1891, p. 655.

Type (*inscripta*). Van Diemen's Land, in B. M.

a. Van Diemen's Land (2). b. New Holland (5).

2350. Thalaina angulosa.

Thalaina angulosa. Walker: xxxi. 229 (1864).
——————— Meyrick: Pr. Linn. Soc., N. S. W., 1891, p. 655.

Type. South Australia, in B. M.

a. Queensland. b. Adelaide. c. West Australia.

2351. Thalaina clara.

Thalaina clara. Walker: iii. 660 (1855).
——————— Meyrick: Pr. Linn. Soc., N. S. W., 1891, p. 654.

Type. Australia, in B. M.

a. Queensland.

2352. Thalaina punctilinea.

Thalaina punctilinea. Walker: xxxi. 238 (1864).
——————— Meyrick: Pr. Linn. Soc., N. S. W., 1891, p. 653.
Absyrtes magnificaria. Guen.: Phal., ii. p. 227, var. A (1857).

Type. Tasmania, in B. M.

a. Van Diemen's Land.

GENUS **SCARDAMIA.** Guen.: Phal., i. p. 89 (1857).
Laginia. Walker: xx. 244 (1860).

2353. Scardamia metallaria

Scardamia metallaria. Guen.: l. c.

Scardamia metallaria. Walker: xx. 112 (1860).
———— Swinhoe: P. Z. S., Lond., 1885, p. 852.
———— Moore: Lep. Ceylon, iii. p. 391, pl. 185, f. 2 ♂ (1886).
———— C. and S.: Cat. Moths of India, iv. 3196 (1888).
———— Hmn.: Ill. Typ. Lep. Het., B. M., viii. 26. 733 (1891); ix. 34. 884 (1893).
———— Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 204.
———— Hmn.: Faun. Brit. Ind. Moths, iii. p. 163 (1895).
———— Leech: Ann. Mag. N. H. (6), xix. p. 202 (1897).
Laginia bractearia. Walker: xx. 245 (1860).
Scardamia aurantiacaria. Brem.: Lep. Ost.-Sib., p. 72, pl. 6, f. 15 (1864).
———— Meyrick: Trans. Ent. Soc., 1892, p. 110.
Epione aurantiacaria. Staud. and W.: Cat., No. 2287 (1871).
Scardamia taprobanes. Felder: Reise Nov. Lep., pl. 123, f. 2 (1873).

Type (*bractearia*). Ceylon, in B. M.
Type (*taprobanes*). Ceylon, in coll. Rothschild.
a. Nilgiri Hills.

Genus **PERATOPHYGA.** Warren: Nov. Zool., i. p. 407 (1894).

2354. Peratophyga ærata.

Acidalia ærata. Moore: P. Z. S., Lond., 1867, p. 643.
Idæa ærata. C. and S.: Cat. Moths of India, iv. 575. 3916 (1888).
Peratophyga ærata. Warren: l. c.
———— Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 205.
———— Hampson: Faun. Brit. Ind. Moths, iii. p. 164 (1895).
———— Leech: Ann. Mag. N. H. (6), xix. p. 203 (1897).
Ephyra grata. Butler: Ann. Mag. N. H. (5), iv. p. 438 (1879).
Cyclophora ærata, var. grata. Butler: Ill. Typ. Lep. Het., B. M., vii. p. 22 (1889).

Type. Darjiling, in coll. Russell.
Type (*grata*). Japan, in B. M.
a. India.

2355. Peratophyga trigonata.

Acidalia (?) *trigonata.* Walker: xxiii. 774 (1861).

Type. Sarawak, Borneo, in B. M.
a. Sarawak (Wallace).

Genus **NINODES.** Warren: Nov. Zool., i. p. 407 (1894).

2356. Ninodes splendens.

Ephyra splendens. Butler: Ill. Typ. Lep. Het., B. M., ii. p. 51, pl. 37, f. 1 (1878).
Ninodes splendens. Warren: l. c.
———— Leech: Ann. Mag. N. H. (6), xix. p. 107 (1897).

Type. Yokohama, in B. M.
a. N. China.

Genus **LOMOGRAPHA.** Hübn.: Verz., p. 311 (1816).
Stegania. Guen.: Dup. Cat. Lep. Eur., p. 270 (1844).
Heterostegane. Hampson: Ill. Typ. Lep. Het., B. M., ix. p. 142 (1893).
Hydatocapnia. Warren: Nov. Zool., ii. p. 143 (1895).

2357. Lomographa subtessellata.

Macaria subtessellata. Walker: xxvi. 1648 (1862).
——— C. and S.: Cat. Moths of India, iv. 537. 3616 (1888).
Stegania subtessellata. Butler: Ill. Typ. Lep. Het., B. M., vii. p. 22 (1889).
——— Hampson: Ill. Typ. Lep. Het., B. M., viii. 29. 808, pl. 156, f. 6 (1891).
——— Faun. Brit. Ind. Moths, iii. p. 165 (1895).
Heterostegane subtessellata. Hmn.: Ill. Typ. Lep. Het., B. M., ix. p. 142.
——— Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 195.

Type. Kanara, in B. M.
a. Assam (Jenkins).

Genus **PRISTOSTEGANIA.** Warren: Nov. Zool., iv. p. 81 (1897).

2358. Pristostegania trilineata.

Hyria trilineata. Moore: P. Z. S., Lond., 1867, p. 642.
——— C. and S.: Cat. Moths of India, iv. 583. 3980 (1888).
Stegania trilineata. Hampson: Faun. Brit. Ind. Moths, iii. p. 166 (1895).
Pristostegania trilineata. Warren: l. c.

Type. Darjiling, in coll. Russell.
a. India.

Genus **SYNEGIA.** Guen.: Phal., i. p. 423 (1857).
Syntaracta. Warren: Nov. Zool., i. p. 408 (1893).

2359. Synegia botydaria.

Synegia botydaria. Guen.: l. c.
——— Walker: xxii. 653 (1861).
Nadagara sericearia. Walker: xxxv. 1666 (1866).

a. Singapore (type *sericearia*) (Wallace). b. Sumatra (Wallace).
c. Sarawak, Borneo (Wallace). d. Borneo. e. Malacca (Wallace).
f. Singapore (Horsley).

2360. Synegia camptogrammaria.

Anisodes camptogrammaria. Guen.: Phal., i. 420. 691 (1857).
——— Walker: xxii. 647 (1861).
Anisodes imitaria. Walker: xxii. 643.
Synegia imitaria. Moore: Lep. Ceylon, iii. p. 446 (1887).
——— C. and S.: Cat. Moths of India, iv. 533. 3586 (1888).
——— Hampson: Ill. Typ. Lep. Het., B. M., viii. 29. 807 (1891); ix. p. 148, pl. 169, f. 5, 11 (1893).
——— Faun. Brit. Ind. Moths, iii. p. 167 (1895).
Anisodes (?) *obrimaria.* Walker: xxii. 644.

Syntaracta æmula. Warren: Nov. Zool., i. p. 408 (1894).
Syntaracta obscura. Warren: l. c.
Syntaracta maculosata. Warren: l. c., iii. p. 129 (1896).

Types (*imitaria* and *obrinaria*). Ceylon, in B. M.
Type (*æmula*). Ceylon, in coll. Rothschild.
Type (*obscura*). Nilgiri Hills, in coll. Rothschild.
Type (*maculosata*). Khasia Hills, in coll. Rothschild.
a. Sarawak, Borneo (Wallace).

I believe Warren is correct in his statement (Nov. Zool., i. p. 407) that from Guenee's description of his Bornean type, *camptogrammaria* is the same as *imitaria*, Walker, and not *vitticosta*, Walker, as stated by Hampson.

2361. Synegia frenaria.

Anisodes frenaria. Guen.: Phal., i. 421. 692 (1857).
———— Walker: xxii. 649 (1861).
Anisodes eumeleata. Walker: xxii. 649.

a. Sarawak, Borneo (type *eumeleata*) (Wallace).

Genus **PARASYNEGIA.** Warren: P. Z. S., Lond., 1893, p. 413.

2362. Parasynegia pluristriaria.

Anisodes pluristriaria. Walker: xxvi. 1581 (1862).
———— Moore: P. Z. S., Lond., 1867, p. 640.
———— Butler: Ill. Typ. Lep. Het., B. M., vi. p. 76, pl. 118, f. 8 (1886); vii. p. 22 (1889).
———— C. and S.: Cat. Moths of India, iv. 532. 3578 (1888).
Parasynegia pluristriaria. Warren: l. c.
Synegia pluristriaria. Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 206.
———— Hmn.: Faun. Brit. Ind. Moths, iii. p. 168 (1895).

Type. India, in B. M.
a. Khasia Hills (2).

2363. Parasynegia diffusaria.

Anisodes diffusaria. Moore: P. Z. S., Lond., 1867, p. 641.
———— C. and S.: Cat. Moths of India, iv. 531. 3564 (1888).
Synegiodes diffusaria. Swinhoe: Trans. Ent. Soc., Lond., 1892, p. 11.
Synegia diffusaria. Swinhoe: l. c., 1894, p. 206.
———— Hampson: Faun. Brit. Ind. Moths, iii. p. 168 (1895).
Anisodes punctifera. Butler: Ann. Mag. N. H. (5), vi. p. 220 (1880).
———— Ill. Typ. Lep. Het., B. M., vi. p. 76, pl. 118, f. 7 (1886).
———— Cotes and Swinh.: l. c., 533. 3579.

Type. Bengal, in B. M.
Type (*punctifera*). Darjiling, in B. M.
a. India.

Genus **XENAGIA.** Warren: Nov. Zool., i. p. 407 (1894).

2364. Xenagia vitticostata.

Hyperythra vitticostata. Walker: xxvi. 1497 (1862).

Hyperythra vitticostata. Moore: P. Z. S., Lond., 1867, p. 619.
———— C. and S.: Cat. Moths of India, iv. 479. 3155 (1888).
Synegia infixaria. Butler (nec Walker): Ill. Typ. Lep. Het., B. M., vi. p. 75, pl. 118, f. 4 (1886).
———— Cotes and Swinh.: l. c., 533. 3587.
Synegia camptogrammaria. Swinhoe (nec Guen.): Trans. Ent. Soc., Lond., 1894, p. 206.
———— Hmn.: Faun. Brit. Ind. Moths, iii. p. 169 (1895).

Type. Darjiling, in B. M.
a. India.

2365. Xenagia subroseata.

Hyperythra subroseata. Walker: xxxv. 1545 (1866).
a. Ceram (type ♂) (Wallace).

GENUS **BORBACHA.** Moore: Lep. Ceylon, iii. p. 446 (1887).

2366. Borbacha pardaria.

Anisodes pardaria. Guen.: Phal., i. 420. 689 (1857).
———— Walker: xxii. 646 (1861).
Borbacha pardaria. Moore: l. c., p. 447, pl. 199, f. 9 ♂.
———— C. and S.: Cat. Moths of India, iv. 3585 (1888).
———— Hampson: Ill. Typ. Lep. Het., B. M., viii. 29. 806 (1891); ix. 38. 1004 (1893).
Synegia pardaria. Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 205.
———— Hampson: Faun. Brit. Ind. Moths, iii. p. 170 (1895).
———— Leech: Ann. Mag. N. H. (6), xix. p. 203 (1897).
Anisodes sarawackaria. Guen.: l. c., p. 420. 690.
———— Walker: xxii. p. 647.

a. Ceylon (Thwaites). b. Sarawak, Borneo (Wallace).

SUB-FAMILY ENNOMINÆ.

GENUS **HYPOCHROSIS.** Guen.: Phal., ii. p. 536 (1857).
Achrosis. Guen.: l. c., p. 539.
Omiza. Walker: xx. 246 (1860).
Celenna. Walker: xxii. 519 (1861).
Pagrasa. Walker: xxiv. 1086 (1862).
Patruissa. Walker: xxvi. 1691 (1862).
Marcala. Walker: xxvi. 1764.
Capasa. Walker: xxxv. 1565 (1866).
Nabla. Walker: xxxv. 1668.
Phœnix. Butler: Ann. Mag. N. H. (5), vi. p. 122 (1880).

2367. Hypochrosis binexata.

Geometra (?) *binexata.* Walker: xxvi. 1752 (1862).
Hypochrosis sternaria. Hmn.: (part) Faun. Brit. Ind. Moths, iii. p. 173 (1895).
a. Sarawak, Borneo (type) (Wallace).

2368. Hypochrosis pachiaria.

Omiza pachiaria. Walker: xx. 247 (1860); xxvi. 1523 (1862).
———— Moore: P. Z. S., Lond., 1867, p. 620.
———— Butler: Ill. Typ. Lep. Het., B. M., vi. p. 56, pl. 114, f. 9, 10 (1886).
———— C. and S.: Cat. Moths of India, iv. 486. 3217 (1888).
Hyprochrosis pachiaria. Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 197.
———— Hampson: (part) Faun. Brit. Ind. Moths, iii. p. 171 (1895).
Omiza affinis. Moore: l. c., 1877, p. 621.
———— Cotes and Swinh.: l. c., 3216.

Type. North India, in B. M.
Type (*affinis*). Port Blair, Andaman Islands, in B. M.
a. India (2).

2369. Hypochrosis hyadaria.

Hypochrosis hyadaria. Guen.: Phal., ii. 537. 1776 (1857).
———— Walker: xxv. 1475 (1862).
———— C. and S.: Cat. Moths of India, iv. 549. 3706 (1888).
———— Hampson: (part) Faun. Brit. Ind. Moths, iii. p. 172 (1895).
Decetia tinctaria. Walker: xxvi. 1522 (1862).
Marcala obliquaria. Moore: Descr. Ind. Lep. Atk., p. 232 (1888).
———— Cotes and Swinh.: l. c., 485. 3208.
Hypochrosis obliquaria. Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 198.

Type (*tinctaria*). Without locality, in B. M.
Type (*obliquaria*). Darjiling, in coll. Staudinger.
a. India (3). b. Khasia Hills (4).

From Guenee's description I am convinced that Moore's *obliquaria* is the same as Guenee's *hyadaria*.

2370. Hypochrosis abstractaria.

Lagyra (?) *abstractaria.* Walker: xxvi. 1485 (1862).
———— C. and S.: Cat. Moths of India, iv. 476. 3134 (1888).
Decetia (?) *abstractaria.* Walker: xxxv. 1559 (1866).
———— Cotes and Swinh.: l. c., 487. 3222.
Hypochrosis abstractaria. Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 198.
Marcala irrorata. Moore: Descr. Ind. Lep. Atk., p. 232 (1888).
———— Cotes and Swinh.: l. c., 485. 3207.
Hypochrosis hyadaria. Hmn.: (part) Faun. Brit. Ind. Moths, iii. p. 172 (1895).

Type (*irrorata*). Darjiling, in coll. Staudinger.
a. India (type). b. India. c. Khasia Hills (3).

Walker seems to have described the same insect twice as *abstractaria*.

2371. Hypochrosis galbulata.

Numeria galbulata. Felder: Reise Nov. Lep., pl. 133, f. 20, 20 *a* ♂ (1874).
Marcala galbulata. Moore: Lep. Ceylon, iii. p. 404, pl. 185, f. 5 (1887).
———— C. and S.: Cat. Moths of India, iv. 485. 3205 (1888).
———— Hampson: Ill. Typ. Lep. Het., B. M., viii. 26. 735 (1891); ix. 34. 871 (1893).

Marcala sulphurescens. Moore: l. c., p. 405, pl. 185, f. 8 ♀.
———— Cotes and Swinh.: l. c., 486. 3211.
———— Hampson: l. c., viii. 26. 736; ix. 34. 872.
Hypochrosis hyadaria. Hmn.: (part) Faun. Brit. Ind. Moths, iii. p. 172 (1895).

Type. Ceylon, in coll. Rothschild.
Type (*sulphurescens*). Ceylon, in B. M.
a. Ceylon ♂♀ (Fairlie).

2372. Hypochrosis ignivorata.

Marcala ignivorata. Walker: xxvi. 1764 (1862).
———— Moore: P. Z. S., Lond., 1867, p. 651.
———— C. and S.: Cat. Moths of India, iv. 485. 3206 (1888).
Hypochrosis abstractaria. Swinhoe: (part) Trans. Ent. Soc., Lond., 1894, p. 198.
Hypochrosis hyadaria. Hmn.: (part) Faun. Brit. Ind. Moths, iii. p. 172 (1895).

Type. Cherra Punji, in coll. Staudinger.
a. India. b. Khasia Hills (2).

Sir George Hampson has grouped all these smaller *Hypochrosis* in one species under Guenee's *hyadaria*, from want I presume of sufficient material to judge by; I have long series of each of these four species in my coll. *hyadaria=obliquaria*, *galbulata*, *abstractaria*, and *ignivorata*. They seem to me to be very distinct from each other, and have no intermediates.

2373. Hypochrosis festivaria.

Phalæna festivaria. Fabr.: Ent. Syst., iii. (2), p. 84 (1794).
Hypochrosis festivaria. Guen.: Phal., ii. 537. 1777 (1854).
———— Walker: xxv. 1476 (1862).
———— C. and S.: Cat. Moths of India, iv. 549. 3705 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 198.
———— Hmn.: Faun. Brit. Ind. Moths, iii. p. 172 (1895).
Geometra saturataria. Walker: xxii. 519 (1861).
Marcala saturataria. Moore: Lep. Ceylon, iii. p. 405, pl. 204, f. 4 (1887).
———— Cotes and Swinh.: l. c., 486. 3210.
Eurymene viridimacularia. Pag.: J. B. Nass. Ver., xxxviii. p. 46, pl. 2, f. 6 (1885).

Type (*saturataria*). Ceylon, in B. M.
a. Darjiling. b. Assam (Jenkins).

2374. Hypochrosis imbutaria.

Geometra imbutaria. Walker: xxxv. 1603 (1866).
Anisodes (?) *nundata.* Felder: Reise Nov. Lep., pl. 133, f. 10 (1874).
Omiza nundata. Warren: Nov. Zool., i. p. 448 (1894).

Type (*nundata*). Moluccas, in coll. Rothschild.
a. Aru (type) (Wallace). b. Mysol (2) (Wallace).

The medial band in some specimens is represented by merely a small spot; the type specimen is a female, not male as stated by Walker.

2375. Hypochrosis cryptopyrrhata.

Fascellina cryptopyrrhata. Walker: xxvi. 1748 (1862).

Omiza sublimbaria. Warren: Nov. Zool., iv. p. 401 (1897).

Type (*sublimbaria* ♀). Lawas, N. Borneo, in coll. Rothschild.

a. Sarawak, Borneo (type) (Wallace).

2376. Hypochrosis discoloraria.

Capasa discoloraria. Walker: xxxv. 1566 (1866).
Omiza pœcila. Pag.: J. B. Nass. Ver., xxxix. p. 152, pl. 10, f. 3 (1886).
Capasa viridifascia. Warren: Nov. Zool., iii. p. 415 (1896).

Type (*viridifascia*). Humboldt Bay, N. Guinea, in coll. Rothschild.

a. New Guinea (type) (Wallace).

2377. Hypochrosis incensata.

Fascellina incensata. Walker: xxvi. 1520 (1862).

Type ♀. Aru, in B. M.

a. Waigiu ♂ (Wallace). b. New Guinea ♀ (Wallace). c. Aru ♀ (Wallace).

2378. Hypochrosis pyrrhularia.

Achrosis pyrrhularia. Guen.: Phal., ii. 539. 1780 (1857).
———— Walker: xxv. 1477 (1862).
———— C. and S.: Cat. Moths of India, iv. 549. 3703 (1888).
Hypochrosis pyrrhularia. Hmn.: Faun. Brit. Ind. Moths, iii. p. 174 (1895).
Pagrasa instabilata. Walker: xxiv. 1086 (1862).
———— Butler: Ill. Typ. Lep. Het., B. M., vi. p. 82, pl. 119, f. 7 (1886).

Type (*instabilata*). India, in B. M.

a. Assam (2) (Robinson). b. India (Ashmol. Mus.).

2379. Hypochrosis pyreniata.

Nabla pyreniata. Walker: xxxv. 1668 (1866).

a. Singapore (type) (Wallace).

The type specimen has lost all but the basal portions of its antennæ, and consequently looks like a worn example of *Curbia martiata*, Guen.: but fresh specimens show the species to be very distinct, it has pectinated antennæ.

GENUS **PRIONIA.** Hübn.: Zutr., iv. p. 787 (1832).
Osicerda. Walker: xxiv. 1083 (1862).
Celesdera. Walker: xxvi. 1749 (1862).
Isnisca. Walker: xxvi. 1765.
Zomia. Moore: P. Z. S., Lond., 1867, p. 650.
Amorphozancla. Warren: P. Z. S., Lond., 1893, p. 408.

2380. Prionia squalidaria.

Prionia squalidaria. Hübn.: l. c., p. 40, f. 787, 788 ♀.
———— Guen.: Phal., i. 144. 230 (1857).
———— Walker: xx. 175 (1860).
———— Moore: Lep. Ceylon, iii. p. 476, pl. 205, f. 3, 4 ♂ ♀ (1887).

Prionia squalidaria. C. and S. : Cat. Moths of India, iv. 547. 3691 (1888).
——— Swinhoe : Trans. Ent. Soc., Lond., 1890, p. 211 ; 1894, p. 199.
——— Hampson : Ill. Typ. Lep. Het., B. M., viii. 30. 836 (1891) ; ix. 34. 882 (1893).
——— Faun. Brit. Ind. Moths, iii. p. 175 (1895).
Prionia violaceata. Guen. : l. c., 144. 231.
——— Walker : xx. 176.
——— Swinhoe : P. Z. S., Lond., 1885, p. 860.
Osicerda alienata. Walker : xxiv. 1084.
——— Moore : P. Z. S., Lond., 1867, p. 650.
Celesdera schistifusata. Walker : xxvi. 1749.
Isnisca cyclogonata. Walker : xxvi. 1765.

Type (*alienata*). Java, in B. M.
Types (*schistifusata* and *cyclogonata*). India, in B. M.
a. Ceylon (2) (Thwaites). b. Barrackpur (Minchin). c. Ganjam (Minchin). d. Nilgiri Hills. e. India.

2381. Prionia lithosiaria.

Omiza lithosiaria. Walker : xxiv. 1085 (1862).
Prionia lithosiaria. Hampson : Faun. Brit. Ind. Moths, iii. p. 175 (1895).
Osicerda costimaculata. Moore : P. Z. S., Lond., 1867, p. 650.
——— C. and S. : Cat. Moths of India, iv. 547. 3692 (1888).
Prionia costimaculata. Swinhoe : Trans. Ent. Soc., Lond., 1894, p. 199.

Type (*costimaculata*). Bengal, in coll. Russell.
a. Sarawak, Borneo (type) (Wallace). b. Sarawak (Wallace). c. India. d. Khasia Hills (3).

2382. Prionia incitata.

Omiza incitata. Walker : xxiv. 1085 (1862).
Zomia incitata. Moore : P. Z. S., Lond., 1867, p. 650.
——— C. and S. : Cat. Moths of India, iv. 548. 3694 (1888).
Prionia incitata. Swinhoe : Trans. Ent. Soc., Lond., 1894, p. 198.
——— Hampson : Faun. Brit. Ind. Moths, iii. p. 176 (1895).
Zomia miscella. Swinhoe : Trans. Ent. Soc., Lond., 1891, p. 144.
——— Hampson : Ill. Typ. Lep. Het., B. M., viii. 30. 837, pl. 151, f. 19 (1891).

Type. Darjiling, in B. M.
Type (*miscella*). Khandalla, in B. M.
a. India (2). b. Khasia Hills (4).

2383. Prionia serpentinaria.

Timandra (?) *serpentinaria.* Walker : xxxv. 1634 (1866).
Zomia serpentinaria. Moore : Lep. Ceylon, iii. p. 475 (1887).
——— C. and S. : Cat. Moths of India, iv. 548. 3695 (1888).
——— Hampson : Ill. Typ. Lep. Het., B. M., viii. 30. 838 (1891) ; ix. p. 140, pl. 168, f. 13 (1893).
Prionia serpentinaria. Hampson : Faun. Brit. Ind. Moths, iii. p. 176 (1895).

Type. Ceylon, in B. M.
a. Flores (Wallace).

GENUS **ANONYCHIA.** Warren: P. Z. S., Lond., 1893, p. 412.

2384. Anonychia grisea.

Nadagara grisea. Butler: P. Z. S., Lond., 1883, p. 172; 1886, p. 390.
———— Swinhoe: P. Z. S., Lond., 1886, p. 457.
———— Butler: Ill. Typ. Lep. Het., B. M., vii. p. 23 (1889).
Onychia grisea. C. and S.: Cat. Moths of India, iv. 574. 3909 (1888).
Anonychia grisea. Warren: l. c.
———— Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 222.
———— Hampson: Faun. Brit. Ind. Moths, iii. p. 178 (1895).
———— Leech: Ann. Mag. N. H. (6), xix. p. 225 (1897).

Type. Without locality, in B. M.
a. Khasia Hills (2).

Butler's type really came from Simla, it was taken by Captain B. Reed at Solon in Simla, with two others still in my coll.; I sent it to Butler in 1883 for determination; the label must have fallen off.

GENUS **HETEROLOCHA.** Led. Verh.: Zool.-bot. Ges. Wien., iii. p. 207 (1853).

2385. Heterolocha aristonaria.

Hyperythra (?) *aristonaria.* Walker: xx. 130 (1860).
Heterolocha aristonaria. Leech: Ann. Mag. N. H. (6), xix. p. 230 (1897).
Hyperythra niphonica. Butler: Ill. Typ. Lep. Het., B. M., ii. p. 46, pl. 35, f. 11 (1878).

Type. N. China, in B. M.
Type (*niphonica*). Hakodaté, Japan, in B. M.
a. Japan (4).

GENUS **CORYMICA.** Walker: xx. 231 (1860).
Caprilia. Walker: xxxv. 1568 (1866).
Thiopsyche. Butler: Ann. Mag. N. H. (5), i. p. 393 (1878).

2386. Corymica arnearia.

Corymica arnearia. Walker: xx. 231.
———— C. and S.: (part) Cat. Moths of India, iv. 546. 3682 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 206.
———— Hmn.: (part) Faun. Brit. Ind. Moths, iii. p. 185 (1895).

a. Sarawak, Borneo (type ♂) (Wallace). b. Borneo ♀.

The type is a male, not female as stated by Walker.

2387. Corymica vesicularia.

Caprilia vesicularia. Walker: xxxv. 1569 ♂ (1866).
———— Moore: P. Z. S., Lond., 1867, p. 649.
Corymica arnearia. Moore (nec Walker): P. Z. S., Lond., 1878, p. 851.
———— Lep. Ceylon, iii. p. 473, pl. 205, f. 9, 10 (1887).
———— Hmn.: Ill. Typ. Lep. Het., B. M., ix. 34. 888 (1893)

a. Sumatra (type) (Wallace).

Differs from *arnearia* in shape of wings, having a gibbous costa to fore-wings.

2388. **Corymica specularia.**

Caprilia specularia. Moore: P. Z. S., Lond., 1867, p. 649, pl. 33, f. 11.
Corymica specularia. C. and S.: Cat. Moths of India, iv. 546. 3684 (1888).
———— Hmn.: Ill. Typ. Lep. Het., B. M., ix. 34. 887 (1893).
———— Faun. Brit. Ind. Moths, iii. p. 186 (1895).
———— Leech: Ann. Mag. N. H. (6), xix. p. 299 (1897).
Thiopsyche pryeri. Butler: Ann. Mag. N. H. (5), i. p. 393 (1878); (5), iv. p. 371 (1879).
———— Ill. Typ. Lep. Het., B. M., iii. p. 29, pl. 48, f. 2 (1879).
Corymica vitrigera. Butler: l. c., vii. p. 101, pl. 135, f. 14 (1889).
Corymica exiguinota. Hampson: Ill. Typ. Lep. Het., B. M., viii. p. 114, pl. 151, f. 12 (1891).

Type. Assam, in B. M.
Type (*pryeri*). Yokohama, in B. M.
Type (*vitrigera*). Dharmsala, in B. M.
Type (*exiguinota*). Nilgiri Hills, in B. M.
a. India.

2389. **Corymica deducta.**

Caprilia deducta. Walker: xxxv. 1569 (1866).
Corymica caustolomaria. Moore: Descr. Ind. Lep. Atk., p. 231 (1888).
———— C. and S.: Cat. Moths of India, iv. 546. 3683 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 206.
———— Hmn.: Faun. Brit. Ind. Moths, iii. p. 185 (1895).

Type (*caustolomaria*). Darjiling, in coll. Staudinger.
a. Macassar, Celebes (type ♀) (Wallace). b. Borneo ♀.

Genus **CURBIA.** Warren: Nov. Zool., i. p. 460 (1894).

2390. **Curbia martiata.**

Crocopteryx martiata. Guen.: Phal., i. p. 74, pl. 5, f. 8 (1857).
Pyrinia martiata. Walker: xx. 89 (1860).
———— C. and S.: Cat. Moths of India, iv. 483. 3193 (1888).
Curbia martiata. Warren: l. c.
Ephyra quadristrigaria. Walker: Journ. Linn. Soc. Lond., iii. p. 194 (1859).
———— xxii. 638 (1861).
Curbia tetraspilaria. Walker: MS.

a. Singapore (type *quadristrigaria*) (Wallace). b. Sarawak, Borneo (Wallace). c. Malacca (Wallace).

The genus *Pyrinia*, under which Walker put this insect, Hübner erected for an American species which (as Warren points out) is not congeneric with *martiata*, and Warren has consequently adopted Walker's MS. genus *Curbia*.

Genus **EILICRINIA.** Hübn.: Verz. p. 287 (1816).
Pareilicrinia. Warren: Nov. Zool., i. p. 462 (1894).

2391. **Eilicrinia flava.**

Noreia flava. Moore: Descr. Ind. Lep. Atk., iii. p. 233, pl. 8, f. 2 (1888).
———— C. and S.: Cat. Moths of India, iv. 488. 3231 (1888).

Eilicrinia flava. Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 199.
Ilicrinia flava. Hampson: Faun. Brit. Ind. Moths, iii. p. 187 (1895).

Type ♀. Darjiling, in coll. Staudinger.
a. North China ♂.

Genus **SPILOPERA.** Warren: P. Z. S., 1893, p. 402.

2392. Spilopera debilis.

Heterolocha debilis. Butler: Ill. Typ. Lep. Het., B. M., ii. p. 47, pl. 35, f. 9 (1878).
Spilopera debilis. Warren: l. c.
——————— Leech: Ann. Mag. N. H. (6), xix. p. 300 (1897).

Type. Hakodaté, in B. M.
a. Japan.

Genus **CALLERINNYS.** Warren: Nov. Zool., i. p. 447 (1894).
Erinnys. Warren: P. Z. S., Lond., 1893, p. 415 (præocc.).

2393. Callerinnys obliquilinea.

Epione obliquilinea. Moore: Descr. Ind. Lep. Atk., p. 229 (1888).
——————— C. and S.: Cat. Moths of India, iv. 481. 3177 (1888).
Spilopera obliquilinea. Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 200.
——————— Hmn.: Faun. Brit. Ind. Moths, iii. p. 192 (1895).
Leptomiza straminea. Warren: P. Z. S., Lond., 1893, p. 406.

Type. Darjiling, in coll. Staudinger.
Type (*straminea*). Sikkim, in coll. Elwes.
a. Khasia Hills (2).

Warren has described a female; the male (I have many) has the hind tibiæ dilated with a tuft of hair, as in typical *Callerinnys*.

Genus **AMELORA.** Meyrick: Proc. Linn. Soc. N. S. W., 1891, p. 647.
Liodes. Guen.: Phal., ii. p. 119 (1857) (præocc.).

2394. Amelora leucaniata.

Liodes leucaniata. Guen.: Phal., ii. 120. 1113.
——————— Walker: xxiii. 979 (1861).
Amelora leucaniata. Meyrick: l. c., p. 651.
Chlenias vittuligera. Walker: xxiv. 1153 (1862).

Type (*vittuligera*). Australia, in B. M.
a. Van Diemen's Land (2).

Genus **DANALA.** Walker: xx. 271 (1860).

2395. Danala laxtaria.

Danala laxtaria. Walker: xx. 272 ♀ (1860).

a. Sarawak, Borneo (type ♂) (Wallace). b. Sarawak, Borneo ♂.
The type is a male, not a female as stated by Walker.

GENUS **GONODONTIS.** Hübn.: Verz., p. 287 (1816).
Orsonoba. Walker: xx. 218 (1860).

2396. Gonodontis clelia.

Phalæna clelia. Cram.: Pap. Exot., iii. p. 172, pl. 288, f. B. C. ♀ (1782).
Azelina (?) *clelia.* Guen.: Phal., i. p. 156 (1857).
———— Walker: xx. 195.
———— Swinhoe: P. Z. S., Lond., 1885, p. 852.
Orsonoba clelia. Moore: Lep. Ceylon, iii. p. 395, pl. 187, f. 2 ♀ (1887).
———— C. and S.: Cat. Moths of India, iv. 483. 3190 (1888).
———— Hmn.: (part) Faun. Brit. Ind. Moths, iii. p. 212 (1895).
———— Ill. Typ. Lep. Het., B. M., ix. 34. 876 (1893).
———— Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 201.
Gonodontis cleliaria. Hübn.: l. c.
Orsonoba rajaca. Walker: xx. 219 ♂ (1860).
———— Moore: l. c., f. 1. 1*a*, 1*b*.
———— Cotes and Swinh.: l. c., 3192.
Orsonoba pallida. Butler: Ann. Mag. N. H. (5), vi. p. 125 (1880).
———— Ill. Typ. Lep. Het., B. M., vi. p. 53, pl. 114, f. 5 (1886).
———— Cotes and Swinh.: l. c., 3191.

Type (*rajaca* ♂). Ceylon, in B. M.
Type (*pallida* ♂). N. E. Himalayas, in B. M.
a. Bombay ♂. b. India ♀.

GENUS **HYPOSIDRA.** Guen.: Phal., ii. p. 150 (1857).
Lagyra. Walker: xx. 58 (1860).
Chizala. Walker: xx. 263.
Kalabana. Moore: P. Z. S., Lond., 1879, p. 415.

2397. Hyposidra janiaria.

Hyposidra janiaria. Guen.: l. c.
———— Walker: xxiv. 1030 (1862).
———— Snellen: Tijd. voor Ent., xxiv. p. 88 (1881).
Lagyra agrealesaria. Walker: xx. 59.
Lagyra diffusata. Walker: xxxv. 1537 (1866).
Lagyra infusata. Walker: xxxv. 1538.
Lagyra subfasciata. Walker: xxxv. 1538.

Types (*agrealesaria*, *diffusata*, and *infusata*). Java, in B. M.
a. Flores (type, *subfasciata* ♂) (Wallace). b. Timor ♀ (Wallace).
c. Flores ♀ (Wallace).

Guenee described *janiaria* from two males from Java. His description corresponds precisely with Walker's type ♂ *subfasciata* from Flores—Walker's type of *agrealesaria* is a ♀ from Java and is identical with the females from Flores and Timor in this collection, and undoubtedly all the above mentioned are one species, varying very little.

2398. Hyposidra incomptaria.

Lagyra incomptaria. Walker: xxxv. 1539 (1866).
Lagyra corticata. Walker: xxxv. 1540.
Hyposidra variabilis. Warren: Nov. Zool., iii. p. 306 (1896).
ab. pallida. Warren: l. c.
ab. nubilosa. Warren: l. c.
ab. tetraspila. Warren: l. c., p. 416.
ab. innotata. Warren: l. c., p. 417.
ab. siccifolia. Warren: l. c., iv. p. 119 (1897).

Types of *variabilis*, *pallida*, and *nubilosa* from Fergusson Island, of *tetraspila* and *innotata* from Humboldt Bay, New Guinea, and of *siccifolia* from Cedar Bay, Queensland, all in coll. Rothschild.

a. Aru (type ♂) (Wallace). **b.** Tondano (type ♂ *corticata*) (Wallace).

A very variable species.

2399. Hyposidra talaca.

Lagyra talaca. Walker: xx. 59 ♀ (1860).
———— Moore: Lep. Ceylon, iii. p. 392, pl. 185, f. 1, 1 *a*, 1 *b* (1887).
———— C. and S.: Cat. Moths of India, iv. 477. 3139 (1888).
———— Meyrick: Trans. Ent. Soc., Lond., 1889, p. 502.
Hyposidra talaca. Hampson: Ill. Typ. Lep. Het., B. M., ix. 34. 875 (1893).
———— Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 202.
———— Hampson: Faun. Brit. Ind. Moths, iii. p. 213 (1895).
Chizala deceptatura. Walker: xx. 264 ♂ (1860).
Lagyra rigusaria. Walker: xxvi. 1485 (1862).
———— Cotes and Swinh.: l. c., 476. 3137.
Lagyra bombycaria. Walker: xxxv. 1539 (1866).
Hyposidra vampyraria. Snellen: Tijd. voor Ent., xxiv. p. 90, pl. 9, f. 3, 3 *a* (1881).
———— Pag.: J. B. Nass. Ver., 1884, p. 261.
Hyposidra khasiana (*ab.*). Warren: Nov. Zool., i. p. 681 (1894).

Type. Celebes, in B. M.
Type (*deceptatura*). Moulmein, in B. M.
Type (*rigusaria*). Kanara, in B. M.
Type (*bombycaria*). Ceylon, in B. M.
Type (*khasiana*). Khasia Hills, in coll. Rothschild.

a. Amboina (Wallace). **b.** Dorey (Wallace). **c.** Ceram (Wallace). **d.** Manilla. **e.** Ceylon. **f.** India.

2400. Hyposidra aquilaria.

Lagyra aquilaria. Walker: xxvi. 1485 (1862).
Hyposidra aquilaria. Hampson: Faun. Brit. Ind. Moths, iii. p. 214 (1895).
———— Leech: Ann. Mag. N. H. (6), xix. p. 314 (1897).
Hyposidra albipunctata. Warren: P. Z. S., Lond., 1893, p. 398.
Hyposidra kala. Swinhoe: Ann. Mag. N. H. (6), xii. p. 153 (1893).
Hyposidra davidaria. Pouj.: Ann. Soc. Ent. Fr., 1895, p. 307, pl. 6, f. 1.

Type. N. China in B. M.
Type (*albipunctata*). Sikkim, in coll. Elwes.

a. India (type *kala*). **b.** Dorey (Wallace).

2401. Hyposidra afflictaria.

Lagyra afflictaria. Walker: xxxv. 1540 (1866).
Hyposidra albomacularia. Snellen: Tijd. voor Ent., xxiv. p. 89, pl. 9, f. 2 (1881).

a. Makessar, Celebes (types ♂ ♀) (Wallace). b. Menado, Celebes (Wallace). c. Sula (Wallace).

2402. Hyposidra leucomela.

Celerena (?) *leucomela.* Walker: xxxv. 1877 ♀ (1866).
Hyposidra leptosoma. Felder: Reise Nov. Lep., pl. 129, f. 25 ♂ (1874).

Type ♀. Philippine Islands, in B. M.
Type (*leptosoma*). Luzon, in coll. Rothschild.
a. Manilla.

2403. Hyposidra picaria.

Lagyra picaria. Walker: xxxv. 1541 (1866).
Hyposidra picaria. Hampson: Faun. Brit. Ind. Moths, iii. p. 214 (1895).

Type. Java, in B. M.
a. Borneo. b. Java.

2404. Hyposidra umbrosa.

Chærodes (?) *umbrosa.* Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 203, pl. 7, f. 4; 1894, p. 202.
Macaria aquilaria. Walker: xxvi. 1652 (1862) (præocc.).
Hyposidra infixaria. Hmn.: (part) Faun. Brit. Ind. Moths, iii. p. 215 (1895).

Type. Rangoon, in B. M.
a. Sarawak, Borneo (type *aquilaria*) (Wallace).

The type of *infixaria* is a mere fragment of a female insect without locality in the B. M. collection, with the remains of its wings far too rubbed for identification; fore-wing without the costal fascia and apical streak, whereas the female of *umbrosa* has both, and the small sub-apical white lunular marks of the male are represented by three large white spots.

2405. Hyposidra successaria.

Lagyra successaria. Walker: xx. 60 ♀, 65 ♂ (1860).
——————— C. and S.: Cat. Moths of India, iv. 476. 3138 (1888).
Hyposidra successaria. Hmn.: Faun. Brit. Ind. Moths, iii. p. 214 (1895).
Chizala decipiens. Walker: xx. 263 ♂ (1860).
——————— Swinhoe: P. Z. S., Lond., 1885, p. 852; 1886, p. 454.
Lagyra humiferata. Walker: xxvi. 1484 ♀ (1862).
——————— Cotes and Swinh.: l. c., 3135.

Type (*decipiens*). Without locality, in B. M.
Type (*humiferata*). South India, in B. M.

a. Central India (type ♂). b. India (type ♀). c. Ganjam (2) (Minchin). d. Indore (2) (Hearsay). e. Ceylon (2) (Thwaites).

Genus **PETELIA**. Herr. Schäff.: Samml. äusser. Schm., p. 84 (1854).

Bargosa. Walker: xxi. 479 (1860).

Astygisa. Walker: Journ. Linn. Soc., Lond., vi. p. 192 (1862).

Trochistis. Meyrick: Trans. Ent. Soc., Lond., 1892, p. 110.

2406. Petelia medardaria.

Petelia medardaria. Herr. Schäff.: l. c., f. 534.
———— Swinhoe: P. Z. S., Lond., 1885, p. 854; 1886, p. 454.
———— Moore: Lep. Ceylon, iii. p. 396, pl. 193, f. 2, 2 *a*, 2 *b* (1887).
———— C. and S.: Cat. Moths of India, iv. 512. 3422 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 207; 1894, p. 194.
———— Hampson: Ill. Typ. Lep. Het., B. M., viii. 27. 764 (1891); ix. 34. 890 (1893).
Tephrina (?) *medardaria.* Walker: xxv. 1659 (1862).
———— Snellen: Tijd. voor Ent., xxiv. p. 88 (1881).
Dilinia medardaria. Hampson: Faun. Brit. Ind. Moths, iii. p. 216 (1895).
Bargosa chandubija. Walker: xxi. 480.
Bargosa chacoraca. Walker: xxi. 481.
Bargosa distracta. Walker: xxi. 481.
Ephyra (?) *strigulataria.* Walker: xxvi. 1575 (1862).
———— Cotes and Swinh.: l. c., 530. 3556.
Petelia fasciata. Swinhoe (nec Moore): P. Z. S., Lond., 1885, p. 854.
Petelia immaculata. Hampson: Ill. Typ. Lep. Het., B. M., ix. p. 140, pl. 168, f. 6 and 8.
———— Faun. Brit. Ind. Moths, iii. p. 216.

Types (*chandubija*, *chacoraca*, and *immaculata*). Ceylon, in B. M.
Type (*distracta*). Punjab, in B. M.
Type (*strigulataria*). N. India, in B. M.
a. Nilgiri Hills (3). b. Java (Wallace). c. Darjiling.
d. Indore (Hearsay).
A very variable insect.

2407. Petelia fasciata.

Bargosa fasciata. Moore: P. Z. S., Lond., 1867, p. 634, pl. 32, f. 8.
Petelia fasciata. C. and S.: Cat. Moths of India, iv. 512. 3421 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 194.
Dilinia fasciata. Hmn.: (part) Faun. Brit. Ind. Moths, iii. p. 217 (1895).

Type. Bengal, in B. M.
a. India.

2408. Petelia capitata.

Pachydia capitata. Walker: xxiii. 1019 ♀ (1861).
Petelia capitata. Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 194.
Dilinia capitata. Hampson: Faun. Brit. Ind. Moths, iii. p. 217 (1895).
———— Leech: Ann. Mag. N. H. (6), xix. p. 316 (1897).
Alana rubiginata. Walker: xxxv. 1568 ♀ (1866).
Tacparia (?) *morosa.* Butler: Trans. Ent. Soc., Lond., 1881, p. 403.
Pachydia vexillaria. Swinhoe (nec Guen.): P. Z. S., Lond., 1885, p. 854.
Alana vexillaria. Moore (nec Guen.): Lep. Ceylon, iii. p. 397, pl. 193, f. 3 ♀ (1887).

Alana vexillaria. C. and S.: (part) Cat. Moths of India, iv. 513.3423 (1888).
———— Hampson: Ill. Typ. Lep. Het., B. M., viii. 27. 765 (1891); ix. 34. 894 (1893).

Type (*morosa*). Tokio, Japan, in B. M.

a. India (type *rubiginata* ♀). b. Indore (Hearsay).

Walker's type of *capitata* is not now in this Museum.

2409. Petelia metaspila.

Astygisa metaspila. Walker: Journ. Linn. Soc., Lond., vi. p. 193 (1862).
———— xxxiii. 1093 (1865).

a. Sarawak, Borneo (type) (Wallace).

2410. Petelia albopunctata.

Alana albopunctata. Swinhoe: Trans. Ent. Soc., Lond., 1891, p. 491.
Petelia albopunctata. Swinhoe: l. c., 1894, p. 194.
Dilinia albopunctata. Hmn.: Faun. Brit. Ind. Moths, iii. p. 217 (1895).

Type. Khasia Hills, in B. M.

a. Khasia Hills (4).

2411. Petelia vexillaria.

Pachydia vexillaria. Guen.: Phal., ii. 138. 1147 (1857).
———— Walker: xxiii. 1020 (1861).
Dilinia vexillaria. Hmn.: (part) Faun. Brit. Ind. Moths, iii. p. 217 (1895).
Astygisa larentiata. Walker: Journ. Linn. Soc., Lond., vi. p. 192 (1862).
———— xxxiii. 1093 (1865).
Alana theclaria. Walker: xxxv. 1567 (1866).

a. Sarawak, Borneo (type *larentiata* ♂) (Wallace). b. Tondano (type *theclaria* ♀) (Wallace).

GENUS **DEILINIA.** Hübn.: Verz., p. 310 (1816).
Alana. Walker: xxxv. 1567 (1866).

2412. Deilinia riobearia.

Hyperythra (?) *riobearia.* Walker: xx. 129 (1860).
———— C. and S.: Cat. Moths of India, iv. 478.3151 (1888).
Alana riobearia. Hmn.: Ill. Typ. Lep. Het., B. M., viii. 27. 766 (1891).
Petelia riobearia. Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 194.

Type. Nepal, in B. M.

a. India. b. Khasia Hills (4).

GENUS **HYPERYTHRA.** Guen.: Phal., i. p. 99 (1857).

2413. Hyperythra lutea.

Phalæna (*Geometra*) *lutea.* Cram.: Pap. Exot., iv. pl. 370, f. C, D (1782).
Hyperythra lutea. Moore: P. Z. S., Lond., 1877, p. 620.
———— Snellen: Tijd. voor Ent., xxiv. p. 70 (1881).
———— Moore: Lep. Ceylon, iii. p. 393, pl. 185, f. 6, 6 *a* (1887).
———— C. and S.: Cat. Moths of India, iv. 478. 3148 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 204; 1894, p. 204.

Hyperythra lutea. Hampson: Ill. Typ. Lep. Het., B. M., viii. 26. 730 (1891); ix. 35. 895 (1893).
——————— (part) Faun. Brit. Ind. Moths, iii. p. 218 (1895).
Hyperythra luteata. Moore: P. Z. S., Lond., 1867, p. 619.
Phalæna flavata. Fabr.: Ent. Syst., iii. (2), p. 169 (1794).
——————— Gmel.: ed. Syst. Nat., i. (5), 2460. 659 (1787).
Hyperythra flavata. Butler: Ill. Typ. Lep. Het., B. M., vii. p. 20 (1889).
Hyperythra limbolaria. Guen.: l. c., p. 101, pl. 3, f. 3, 4 ♀.
——————— Walker: xx. 127 (1860).
——————— Moore: l. c., 1878, p. 851.
Hyperythra penicillaria, var. a. Guen.: l. c., 101. 154.
——————— Walker: xx. 128.
Hyperythra ennomaria, var. b. Guen.: l. c., 103. 157.
——————— Walker: xx. 129.
——————— Cotes and Swinh.: l. c., 3147.
——————— Butler: l. c.
——————— Hampson: Ill. Typ. Lep. Het., B. M., ix. 35. 869.
Aspilates susceptaria. Walker: xxxv. 1664 (1866).

Type (*susceptaria*). Punjab, in B. M.
a. India (4). b. Silhet (2). c. Khasia Hills (4).

2414. Hyperythra lala.

Hyperythra lala. Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 205.
Hyperythra limbolaria. Swinhoe (nec Guen.): P. Z. S., Lond., 1885, p. 852.

Type. Rangoon, in B. M.
a. India (3). b. Amoy, China. c. Central India (5) (Hearsay). d. Nilgiri Hills. e. Bengal.

GENUS **PETRODAVA.** Walker: xxvi. 1658 (1862).
Pseuderythra. Swinh.: Trans. Ent. Soc., Lond., 1894, p. 204.

2415. Petrodava swinhoei.

Hyperythra swinhoei ♂. Butler: Ann. Mag. N. H. (5), v. p. 223 (1880).
——————— P. Z. S., Lond., 1881, p. 614; 1883, p. 169.
——————— Swinhoe: P. Z. S., Lond., 1884, p. 526; 1886, p. 454.
——————— C. and S.: Cat. Moths of India, iv. 479. 3153 (1888).
——————— Hmn.: Faun. Brit. Ind. Moths, iii. p. 219 (1895).
Hyperythra phantasma ♀. Butler: l. c., 1881, p. 615; 1886, p. 388.
——————— Swinhoe: l. c., 1884, p. 526; 1885, p. 852.
——————— Cotes and Swinh.: l. c., 478. 3150.

Types. Kurrachi, in B. M.
a. India (2).

2416. Petrodava phœnix.

Hyperythra phœnix. Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 484.
——————— Hmn.: (part) Faun. Brit. Ind. Moths, iii. p. 219 (1895).
Catopyrrha phœnix. Swinhoe: Ann. Mag. N. H. (6), xii. p. 221 (1893).
Pseuderythra phœnix. Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 204.

Type. Khasia Hills, in B. M.
a. Khasia Hills (6).

GENUS **ASPILATES.** Treit.: Schm. Eur., vii. p. 139 (1829).

2417. Aspilates formosaria.

Aspilates formosaria. Eversm.: Bull. Soc. Imp. Nat. Mosc., 1837, p. 54; 1844, p. 599, pl. 15, f. 3 *a*, *b*.
———— Faun. Volg.-Ural, p. 371 (1844).
———— Herr. Schäff.: Eur. Schm., iii. p. 94, pl. 5, f. 27, 28 (1847).
———— Led. Verh.: Z. B. Ver., 1853, p. 180.
———— Guen.: Phal., ii. 185. 1224 (1857).
———— Walker: xxiv. 1067 (1862).
———— Staud. and W. Cat., No. 2484 (1871).
Geometra formosaria. Freyer: pl. 438, f. 1 (1845).
Crocota formosaria. Meyrick: Trans. Ent. Soc., Lond., 1892, p. 119.
———— Leech: Ann. Mag. N. H. (6), xix. p. 318 (1897).
Aspilates gloriosaria. Boisd.: Ind. Méth. 188. 1494 (1840).
———— Ann. Soc. Ent. Fr., 1852, p. 408.

a. Japan.

GENUS **CROCOTA.** Hübn.: Verz., p. 295 (1816).

2418. Crocota niguzaria.

Hyperythra (?) *niguzaria.* Walker: xx. 129 (1860).
———— Moore: P. Z. S., Lond., 1867, p. 619.
———— C. and S.: Cat. Moths of India, iv. 478. 3149 (1888).
Crocota niguzaria. Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 204.
———— Hampson: Faun. Brit. Ind. Moths, iii. p. 220 (1895).

Type. Silhet, in B. M.

a. Khasia Hills (2 ♂ 1 ♀).

2419. Crocota ventraria.

Gnophos ventraria. Guen.: Phal., i. 294. 467 (1857).
———— Walker: xxi. 468 (1860).
———— C. and S.: Cat. Moths of India, iv. 512. 3419 (1888).
Catascia ventraria. Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 218.
Crocota ventraria. Hampson: Faun. Brit. Ind. Moths, iii. p. 221 (1895).
Angerona (?) *aimylusaria.* Walker: xx. 244 (1860).
Scotosia subemersa. Walker: xxv. 1363 (1862).

Types (*aimylusaria* and *subemersa*). Without locality, in B. M.

a. Khasia Hills (2).

GENUS **AUAXA.** Walker: xx. 271 (1860).

2420. Auaxa cesadaria.

Auaxa cesadaria. Walker: xx. 271.
Bizia sulphurea. Butler: Ill. Typ. Lep. Het., B.M., ii. p. 47, pl. 35, f. 10 (1878).
Auaxa sulphurea. Leech: Ann. Mag. N. H. (6), xix. p. 220 (1897).

Type ♂ (*sulphurea* ♂). Yokohama, in B. M.

a. China (type ♀). b. Yokohama ♂.

GENUS **PSYRA**. Walker: xxi. 482 (1860).

Orbasia. Swinh.: Trans. Ent. Soc., Lond., 1894, p. 222.

2421. Psyra cuneata.

Psyra cuneata. Walker: xxi. 483.
———— Moore: P. Z. S., Lond., 1867, p. 659.
———— C. and S.: Cat. Moths of India, iv. 513. 3426 (1888).
———— Butler: Ill. Typ. Lep. Het., B. M., vii. p. 20 (1889).
———— Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 202.
———— Hampson: Faun. Brit. Ind. Moths, iii. p. 223 (1895).
Psyra similaria. Moore: l. c., pl. 33, f. 1.
———— Cotes and Swinh.: l. c., 3427.

Type. N. India, in B. M.
Type (*similaria*). Darjiling, in B. M.
a. India (2).

2422. Psyra angulifera.

Scotosia angulifera. Walker: xxxv. 1687 (1866).
Psyra angulifera. Moore: P. Z. S., Lond., 1867, p. 659.
———— C. and S.: Cat. Moths of India, iv. 513. 3425 (1888).
———— Butler: Ill. Typ. Lep. Het., B. M., vii. p. 20 (1889).
———— Hampson: Faun. Brit. Ind. Moths, iii. p. 222 (1895).

Type. N. India, in B. M.
a. India (3). b. Assam (Jenkins).

2423. Psyra spurcataria.

Hyperythra spurcataria. Walker: xxvi. 1498 (1862).
———— Moore: P. Z. S., Lond., 1867, p. 619.
———— C. and S.: Cat. Moths of India, iv. 478. 3152 (1888).
Psyra spurcataria. Butler: Ill. Typ. Lep. Het., B. M., vii. p. 20 (1889).
———— Hampson: Faun. Brit. Ind. Moths, iii. p. 222 (1895).
Orbasia spurcataria. Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 222.

Type. Darjiling, in B. M.
a. India.

GENUS **ZETHENIA**. Motsch.: Etudes Ent., 1860, p. 34.

2424. Zethenia rufescentaria.

Zethenia rufescentaria. Motsch.: l. c., p. 35.
———— Meyrick: Trans. Ent. Soc., Lond., 1892, p. 102.
———— Leech: Ann. Mag. N. H. (6), xix. p. 223 (1897).

a. Japan (2). b. Nikko (2).

2425. Zethenia albonotaria.

Selenia albonotaria. Brem.: Lep. Ost. Sib., p. 73, pl. 6, f. 16 (1864).
Zethenia albonotaria. Meyrick: Trans. Ent. Soc., Lond., 1892, p. 102.
———— Leech: Ann. Mag. N. H. (6), xix. p. 224 (1897).

a. Japan. b. Yokohama. c. Nikko.

GENUS **IDIODES**. Guen.: Phal., i. p. 39 (1857).
Choara. Walker: xxi. 290 (1860).

2426. Idiodes apicata.

Idiodes apicata. Guen.: l. c., 40. 25.
———— Walker: xx. 28 (1860).
———— Meyrick: Proc. Linn. Soc., N. S. W., 1891, p. 643.
Idiodes mitigata, var. a. Guen.: l. c., pl. 13, f. 1.
———— Walker: xx. 28.
———— Butler: Ann. Mag. N. H. (5), ix. p. 90 (1882).
Idiodes inspirata, var. b. Guen.: l. c., p. 40.
———— Walker: xx. 29.
Idiodes rinata, var. c. Guen.: l. c.
———— Walker: xx. 29.
Idiodes introducta (*var.* only). Walker: xx. 30.
Tacparia zalissaria (*var.* only). Walker: xx. 234.
Choara siculoides. Walker: xxi. 291.
Idiodes siculoides. Butler: l. c.
———— Rosenstock: Ann. Mag. N. H. (5), xvi. p. 428 (1885).
Phallaria (?) *conductaria.* Walker: xxvi. 1525 (1862).
Phallaria (?) *inductaria.* Walker: xxvi. 1526.
Idiodes inspirata. Felder: Reise Nov. Lep., pl. 124, f. 3 (1874).
Idiodes punctiger, var. d. Felder: l. c., f. 4, 4*a*.

Type (*introducta, var.*). Tasmania, in B. M.
Types (*inductaria* and *zalissaria, var.*). Sydney, in B. M.
Type (*siculoides*). South Australia, in B. M.
Type (*conductaria*). Australia, in B. M.
Type (*inspirata*). Moreton Bay, in coll. Rothschild.
Type (*punctiger, var.*). Melbourne, in coll. Rothschild.
a. New South Wales (6).

GENUS **XYLOSCIA**. Warren: Nov. Zool., i. p. 462 (1894).

2427. Xyloscia subspersata.

Hemerophila subspersata. Felder: Reise Nov. Lep., pl. 125, f. 16 (1875).
———— Butler: Trans. Ent. Soc., Lond., 1882, p. 364.
Xyloscia subspersata. Warren: l. c.
———— Leech: Ann. Mag. N. H. (6), xix. p. 210 (1897).

Type. Japan, in coll. Rothschild.
a. Nikko, Japan (Sansom).

GENUS **MIMOCHROA**. Warren: Nov. Zool., i. p. 443 (1894); ii. p. 150 (1895) (note), type, *angulifascia*, Moore.

2428. Mimochroa lugens.

Endropia lugens. Butler: Ann. Mag. N. H. (5), vi. p. 124 (1880).
———— Ill. Typ. Lep. Het., B. M., vi. p. 52, pl. 114, f. 3 (1886).
———— C. and S.: Cat. Moths of India, iv, 482. 3181 (1888).

Pericallia lugens. Hampson: Faun. Brit. Ind. Moths, iii. p. 223 (1825).

Type. Darjiling, in B. M.

a. India (2) (Hutton).

2429. Mimochroa gynopteridia.

Epione gynopteridia. Butler: Ann. Mag. N. H. (5), vi. p. 123 (1880).
———— Ill. Typ. Lep. Het., B. M., vi. p. 51, pl. 114, f. 1 (1886).
———— C. and S.: Cat. Moths of India, iv. 481. 3176 (1888).
Pericallia gynopteridia. Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 205.
———— Hmn.: Faun. Brit. Ind. Moths, iii. p. 224 (1895).

Type. N. E. Himalayas, in B. M.

a. Khasia Hills (2).

Genus **FASCELLINA.** Walker: xx. 215 (1860).

2430. Fascellina chromataria.

Fascellina chromataria. Walker: xx. 215 ♀.
———— Moore: P. Z. S., Lond., 1867, p. 79.
———— C. and S.: Cat. Moths of India, iii. 431. 2821 (1888).
———— Hampson: Ill. Typ. Lep. Het., B. M., viii. 22. 623 (1891); ix. p. 139, pl. 168, f. 2 (1893).
———— Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 200.
———— Hampson: (part) Faun. Brit. Ind. Moths, iii. p. 225 (1895).
Geometra usta. Walker: xxxv. 1602 ♂ (1866).
———— Moore: P. Z. S., Lond., 1867, p. 636.
Marcala usta. Cotes and Swinh.: l. c., 486. 3212.
Fascellina ceylonica. Moore: Lep. Ceylon, iii. p. 395, pl. 187, f. 3. 3*a* (1887).
———— Hampson: Ill. Typ. Lep. Het., B. M., ix. 34. 874.

Type. Ceylon, in B. M.

Type (*usta*). India, in coll. Staudinger.

Type (*ceylonica*). Ceylon, in B. M.

a. India (4).

2431. Fascellina clausaria.

Fascellina clausaria. Walker: xxxv. 1556 ♀ (1866).
Fascellina castanea. Moore: P. Z. S., Lond., 1877, p. 612 ♂.
———— C. and S.: Cat. Moths of India, iii. 431. 2820 (1888).
Fascellina deflavata. Warren: Nov. Zool., iv. p. 256 (1897).

Type (*castanea*). Andaman Islands, in B. M.

Type (*deflavata*). Selangore, in coll. Rothschild.

a. Sumatra (type) (Wallace).

2432. Fascellina celata.

Fascellina celata. Walker: xxxv. 1554 ♂ (1866).
Fascellina olivataria. Walker: xxxv. 1555 ♂.

a. Tondano (type) (Wallace). b. Makessar, Celebes (type *olivataria*) (Wallace).

These two appear to me to be identical.

2433. Fascellina plagiata.

Geometra plagiata. Walker : xxxv. 1601 (1866).
———— Moore : P. Z. S., Lond., 1867, p. 636.
Marcala plagiata. C. and S. : Cat. Moths of India, iv. 485. 3209 (1888).
Fascellina plagiata. Swinhoe : Trans. Ent. Soc., Lond., 1894, p. 200.
———— Hampson : Faun. Brit. Ind. Moths, iii. p. 226 (1895).
Fascellina viridis. Moore : P. Z. S., Lond., 1867, p. 79, pl. 7, f. 4.
———— Cotes and Swinh. : l. c., iii. 431. 2822 (1888).

Type. Darjiling, in coll. Staudinger.
Type (*viridis*). Bengal, in B. M.
a. India (2).

Genus **LEPTODONTOPERA.** Warren : Nov. Zool., i. p. 445 (1894).

2434. Leptodontopera decorata.

Selenia decorata. Moore : P. Z. S., Lond., 1867, p. 621, pl. 32, f. 9.
———— C. and S. : Cat. Moths of India, iv. 480. 3164 (1888).
Leptodontopera decorata. Warren : l. c.
Crocallis decorata. Swinhoe : Trans. Ent. Soc., Lond., 1894, p. 203.
Leptomiza decorata. Hampson : Faun. Brit. Ind. Moths, iii. p. 228 (1895).

Type. Bengal, in B. M.
a. India ♀.

Genus **LEPTOMIZA.** Warren : P. Z. S., Lond., 1893, p. 406.

2435. Leptomiza calcearia.

Hyperythra calcearia. Walker : xx. 132 (1860).
———— Moore : P. Z. S., Lond., 1867, p. 619.
Selenia calcearia. C. and S. : Cat. Moths of India, iv. 480. 3163 (1888).
Leptomiza calcearia. Warren : l. c.
———— Hmn. : Faun. Brit. Ind. Moths, iii. p. 231 (1895).
Heterolocha mediolimbata. Pouj. : Ann. Soc. Ent. Fr., 1895, p. 308, pl. 6, f. 3, 3 *a*.

Type. Without locality, in B. M.
a. Assam (Jenkins).

Genus **ODONTOPERA.** Steph. : Ill. Brit. Ent. Haust., iii. p. 162 (1829).

Corotia. Moore : P. Z. S., Lond., 1867, p. 624.
Niphonissa. Butler : Mag. N. H. (5), i. p. 394 (1878).

2436. Odontopera bilinearia.

Crocalis bilinearia. Swinhoe : P. Z. S., Lond., 1889, p. 423.
Niphonissa arida. Warren (nec Butler) : Ann. Mag. N. H. (5), i. p. 394 (1878).
———— S. and C. : Cat. Moths of India, iv. Add. 767. 3249 A (1889).
Crocallis obliquaria. Hmn. : (part) Faun. Brit. Ind. Moths, iii. p. 232 (1895).

Type. Kasaoli, in B. M.
a. Indore (Hearsay).

2437. Odontopera heydena.

Crocallis heydena. Swinhoe : Trans. Ent. Soc., Lond., 1894, p. 203.

Crocallis obliquaria. Hmn. : (part) Faun. Brit. Ind. Moths, iii.p.232 (1895).
Type. Khasia Hills, in B. M.
a. Khasia Hills.

GENUS **DIGONODES.** Warren: Nov. Zool., ii. p. 180 (1895).

2438. Digonodes newmannaria.

Crocallis newmannaria. Guen.: Phal., i. 169. 270 (1857).
——————— Walker: xx. 201 (1860).
a. New South Wales.

GENUS **GARÆUS.** Moore: P. Z. S., Lond., 1867, p. 623.
Epifidonia. Butler: P. Z. S., Lond., 1886, p. 391.

2439. Garæus apicatus.

Auzea apicata. Moore: P. Z. S., Lond., 1867, p. 617.
——————— C. and S.: Cat. Moths of India, iv. 490. 3242 (1888).
Lagyra apicatus. Butler: Ill. Typ. Lep. Het., B. M., vii. p. 20 (1889).
Garæus apicatus. Hampson: Faun. Brit. Ind. Moths, iii. p. 235 (1895).
Type. Bengal, in B. M.
a. India.

GENUS **PSEUDOMIZA.** Butler: Ill. Typ. Lep. Het., B. M., p. 100 (1889).
Heteromiza. Warren: P. Z. S., 1893, p. 405.

2440. Pseudomiza castanearia.

Cimicodes castanearia. Moore: P. Z. S., Lond., 1867, p. 616, pl. 32, f. 1.
——————— C. and S.: Cat. Moths of India, iv. 490. 3245 (1888).
Pseudomiza castanearia. Butler: Ill. Typ. Lep. Het., B. M., vii.p.100(1889).
Heteromiza castanearia. Hmn.: Faun. Brit. Ind. Moths, iii. p. 236 (1895).
Heteromiza cervina. Warren: P. Z. S., Lond., 1893, p. 405, pl. 32, f. 8.
Type. Darjiling, in coll. Russell.
Type (*cervina*). Sikkim, in coll. Elwes.
a. India.
Butler makes this species the type of his Genus.

GENUS **GONOPHYLLA.** Meyrick: Trans. New Zealand Inst., 1887, p. 62.

2441. Gonophylla nelsonaria.

Gonodontis (?) *nelsonaria.* Felder: Reise Nov. Lep., pl. 123, f. 3 (1873).
Phyllodoce nelsonaria. Meyrick: l. c., 1883, p. 104.
Gonophylla nelsonaria. Meyrick: l. c., 1887, p. 62.
Gonodontis felix. Butler: P. Z. S., Lond., 1877, p. 389, pl. 42, f. 10.
Type. New Zealand, in coll. Rothschild.
Type (*felix*). South Island, New Zealand, in B. M.
a. South Island, New Zealand (3).

GENUS **GARGAPHIA**. Walker: xxvi. 1635 (1862).

2442. Gargaphia muriferata.

Gargaphia muriferata. Walker: xxvi. 1635 ♀.
Drepanodes muriferata. Meyrick: Trans. New Zeal. Inst., 1883, p. 107; 1887, p. 62.
Panagra ephyraria. Walker: xxvi. 1761 ♀.
Zanclognatha (?) *cookaria*. Felder: Reise Nov. Lep., pl. 123, f. 26 ♂ (1873).
Zanclognatha (?) *haastiaria*. Felder: l. c., f. 32 ♂.

Type. Auckland, New Zealand, in B. M.
Type (*ephyraria*). Auckland, in B. M.
Types (*cookaria* and *haastiaria*). New Zealand, in coll. Rothschild.
a. South Island, New Zealand (3).

GENUS **SESTRA**. Walker: xxvi. 1750 (1862).
Pseudosestra. Butler: Trans. Ent. Soc., Lond., 1882, p. 389.

2443. Sestra flexata.

Cidaria flexata. Walker: xxv. 1421 ♀ (1862).
Sestra fusiplagiata. Walker: xxvi. 1751 ♂.

Type ♀. New Zealand, in B. M.
Type (*fusiplagiata* ♂). New Zealand, in B. M.
a. South Island, New Zealand (1 ♂, 2 ♀).

2444. Sestra humeraria.

Macaria (?) *humeraria*. Walker: xxiii. 940 (1861).
Amastris humeraria. Meyrick: Trans. New Zeal. Inst., 1887, p. 66.
Lozogramma obtusaria. Walker: xxiii. 985.
Larentia punctilineata. Walker: xxiv. 1202 (1862).
Cidaria (?) *obtruncata*. Walker: xxv. 1421 (1862).
Pseudosestra obtusata. Butler: Trans. Ent. Soc., Lond., 1882, p. 389.
Amastris encausta. Meyrick: Trans. New Zeal. Inst., 1883, p. 105.

Type. New Zealand, in B. M.
Types (*obtusaria*, *punctilinearia* and *obtruncata*). New Zealand, in B. M.
a. South Island, New Zealand.

GENUS **ISCHALIS**. Walker: xxvi. 1749 (1862).

2445. Ischalis gallaria.

Selenia gallaria. Walker: xx. 185 ♀ (1860).
——————— Butler: Cat. New Zeal. Insects, Erebus and Terror, pl. iii. f. 6, 7 (1879).
Itratocleis gallaria. Meyrick: Trans. New Zeal. Inst., 1883, p. 105.
Azalina gallaria. Meyrick: l. c., 1887, p. 67.
Ischalis thermochromata. Walker: xxvi. 1750 ♂.
Euchlæna (?) *palthidata*. Felder: Reise Nov. Lep., pl. 132, f. 21, 22 (1874).

Type ♀. New Zealand, in B. M.
Type (*thermochromata* ♂). New Zealand, in B. M.
Type (*palthidata*). New Zealand, in coll. Rothschild.
a. New Zealand (3).

GENUS **POLYGONIA**. Guen.: Ent. Mo. Mag., v. p. 41 (1868).

2446. Polygonia fortinata.

Polygonia fortinata. Guen.: l. c.
Azelina fortinata. Meyrick: Trans. New Zeal. Inst., 1883, p. 106.
Caustoloma (?) *ziczac.* Felder: Reise Nov. Lep., pl. 132, f. 4 (1874).

Type (*ziczac*). New Zealand, in coll. Rothschild.

a. New Zealand (2).

2447. Polygonia variabilis.

Polygonia variabilis. Warren: Nov. Zool., ii. p. 153 (1895).

Type. New Zealand, in coll. Rothschild.

a. South Island, New Zealand (5).

GENUS **DALIMA**. Moore: P. Z. S., Lond., 1867, p. 614.

2448. Dalima apicata.

Dalima apicata. Moore: l. c., p. 615, pl. 32, f. 4.
———— C. and S.: Cat. Moths of India, iv. 475. 3130 (1888).
———— Hampson: Faun. Brit. Ind. Moths, iii. p. 238 (1895).

Type. Bengal, in B. M.

a. India.

GENUS **METOXYDIA**. Butler: Ill. Typ. Lep. Het., B. M., vi. p. 55 (1886).

2449. Metoxydia calamina.

Oxydia calamina. Butler: Ann. Mag. N. H. (5), vi. p. 121 (1880).
Metoxydia calamina. Butler: Ill. Typ. Lep. Het., B. M., vi. p. 55, pl. 114, f. 7.
———— C. and S.: Cat. Moths of India, iv. 486. 3214 (1888).
Dalima calamina. Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 197.
———— Hampson: Faun. Brit. Ind. Moths, iii. p. 239 (1895).

Type. Darjiling, in B. M.

a. Khasia Hills.

GENUS **HOLOLOMA**. Warren: P. Z. S., 1893, p. 395.

2450. Hololoma patularia.

Omiza patularia. Walker: xx. 247 (1860).
———— C. and S.: Cat. Moths of India, iv. 487. 3218 (1888).
———— Butler: Ill. Typ. Lep. Het., B. M., vii. p. 20 (1889).
Hololoma patularia. Warren: l. c.
Dalima patularia. Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 197.
———— Hampson: Faun. Brit. Ind. Moths, iii. p. 240 (1895).

Type. North India, in B. M.

a. India (3).

Sub-Family MACARIINÆ.

Genus **HYPULIA**. Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 205.

2451. Hypulia continua.

Geometra continua. Walker: xxii. 527 (1861).
Thalera dirempta. Walker: xxii. 595.
———— C. and S.: Cat. Moths of India, iv. 519. 3479 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 208.
Hypulia dirempta. Swinhoe: l. c., 1894, p. 205.
———— Hampson: Faun. Brit. Ind. Moths, iii. p. 193 (1895).
Nadagara impervisata. Walker: xxvi. 1687 (1862).

Type (*dirempta*). Moulmein, in B. M.

a. Sarawak, Borneo (type) (Wallace). b. Sarawak (type *impervisata*) (Wallace). c. Sarawak (2) (Wallace).

Genus **NADAGARA**. Walker: xxiv. 1093 (1862).

2452. Nadagara inordinata.

Nadagara inordinata ♀. Walker: xxiv. 1094.
———— Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 199.
———— Hmn.: Faun. Brit. Ind. Moths, iii. p. 194 (1895).

a. Sarawak, Borneo (type) (Wallace).

2453. Nadagara pulchrilineata.

Nadagara pulchrilineata ♀. Walker: xxiv. 1095 (1862).

Type. Sarawak Borneo, in B. M.

a. Sara wak () (Wallace).

2454. Nadagara comprensata.

Nadagara comprensata ♀. Walker: xxiv. 1095 (1862).
———— Hmn.: Faun. Brit. Ind. Moths, iii. p. 194 (1895).

a. Sarawak, Borneo (type ♀) (Wallace). b. Sarawak ♂ (Wallace).

2455. Nadagara scitilineata. Pl. v. f. 10.

Nadagara scitilineata ♀. Walker: xxiv. 1094 (1862).

a. Sarawak, Borneo (type) (Wallace).

2456. Nadagara intractata.

Nadagara intractata ♀. Walker: xxiv. 1097 (1862).

a. Sarawak, Borneo (type) (Wallace).

This may be the same species as *scitilineata*, but the discal dentate line is more sinuous and more outwardly curved and bent inwards to the costa of fore-wings.

Genus **BULONGA**. Walker: Journ. Linn. Soc., Lond., iii. p. 193 (1859).

2457. Bulonga schistacearia.

Bulonga schistacearia. Walker: l. c.
———— xx. 276 (1860).

Nadagara indeterminata. Walker : xxiv. 1097 (1862).
Decetia posticata. Walker : xxxv. 1557 (1866).
Noreia ajaia. C. and S. : (part) Cat. Moths of India, iv. 488. 3229 (1888).

a. Singapore (type ♀) (Wallace). b. Sarawak, Borneo (type ♂, *indeterminata*) (Wallace). c. Borneo ♂. d. Singapore (type ♀, *posticata*) (Wallace). e. Singapore (Horsley).

Genus **LUXIARIA.** Walker : xx. 231 (1860).
Bithia. Walker : xxxv. 1599 (1866).
Bithiodes. Warren : Nov. Zool., i. p. 439 (1894).
Probithia. Warren : l. c., p. 440.

2458. Luxiaria phyllosaria.

Drepanodes (?) *phyllosaria.* Walker : xx. 82.
Luxiaria phyllosaria. Moore : P. Z. S., Lond., 1867, p. 617.
——————— C. and S. : Cat. Moths of India, iv. 587. 4010 (1888).
——————— Swinhoe : Trans. Ent. Soc., Lond., 1894, p. 206.
——————— Hmn. : Faun. Brit. Ind. Moths, iii. p. 197 (1895).
Luxiaria alfenusaria. Walker : xx. 232.

Type. Without locality, in B. M.
Type (*alfenusaria*). Sarawak, Borneo, in B. M.
a. Sarawak (Wallace).

2459. Luxiaria postvittata.

Acidalia postvittata. Walker : xxiii. 759 (1861).
Macaria postvittata. Swinhoe : Trans. Ent. Soc., Lond., 1894, p. 208.
Luxiaria postvittata. Hampson : Faun. Brit. Ind. Moths, iii. p. 197 (1895).
Macaria honoraria. Walker : xxiii. 928.
Gonodela honoraria. Moore : Lep. Ceylon, iii. p. 468, pl. 205, f. 12 ♀ (1887).
——————— C. and S. : Cat. Moths of India, iv. 541. 3640 (1888).
Luxiaria honoraria. Hmn. : Ill. Typ. Lep. Het., B. M., ix. 35. 913 (1893).
Macaria permotaria. Walker : xxiii. 929.
——————— Moore : P. Z. S., Lond., 1867, p. 648.

Type (*honoraria*). Ceylon, in B. M.
Type (*permotaria*). Silhet, in B. M.
a. Sarawak, Borneo (type) (Wallace).

2460. Luxiaria exclusa.

Hemerophila (?) *exclusa.* Walker : xxi. 320 (1860).
Bithia exclusa. Walker : xxxv. 1599 (1866).
——————— Moore : P. Z. S., Lond., 1877, p. 621 ; 1878, p. 852.
Luxiaria exclusa. Moore : Lep. Ceylon, iii. p. 457, pl. 202, f. 5 ♀ (1887).
——————— C. and S. : Cat. Moths of India, iv. 586. 4006 (1888).
——————— Swinhoe : Trans. Ent. Soc., Lond., 1890, p. 215; 1894, p. 207.
——————— Hmn. : Ill. Typ. Lep. Het., B. M., ix. 35. 914 (1893).
——————— Warren : Nov. Zool., i. p. 440 (1894).
——————— Hampson : Faun. Brit. Ind. Moths, iii. p. 196 (1895).
Hemerophila prætereuns. Walker : xxi. 320.
Macaria obstataria. Walker : xxiii. 928 (1861).
Bithia lignaria. Walker : xxxv. 1600.

Psamatodes frenata. Felder: Reise Nov. Lep., pl. 129, f. 21 (1874).

Type. Moulmein, in B. M.
Types (*prætereuns* and *obstataria*). Ceylon, in B. M.
Type (*lignaria*). Java, in B. M.
Type (*frenata*). Moluccas, in coll. Rothschild.
a. Borneo. b. Sumatra (Wallace). c. Nilgiri Hills.

2461. Luxiaria obliquata.

Luxiaria obliquata. Moore: Descr. Ind. Lep. Atk., p. 254 (1888).
——————— C. and S.: Cat. Moths of India, iv. 586. 4009 (1888).
——————— Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 207.
——————— Hampson: Faun. Brit. Ind. Moths, iii. p. 197 (1895).
Bithiodes inexactata. Warren (nec Walker): Nov. Zool., i. p. 439 (1894).

Type. Darjiling, in coll. Staudinger.
a. Khasia Hills.

2462. Luxiaria contigaria.

Acidalia (?) *contigaria.* Walker: xxii. 754 ♀ (1861).
Idæa contigaria. C. and S.: Cat. Moths of India, iv. 576. 3926 (1888).
Bithia contigaria. Butler: Ill. Typ. Lep. Het., B. M., vii. p. 21 (1889).
Luxiaria contigaria. Hampson: Ill. Typ. Lep. Het., B. M., viii. 33. 932 (1891); ix. 35. 912 (1893).
——————— Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 207.
——————— Hmn.: (part) Faun Brit. Ind. Moths, iii. p. 195 (1895).
——————— Leech: Ann. Mag. N. H. (6), xix. p. 304 (1897).

Type. N. India, in B. M.
a. Khasia Hills (2).

2463. Luxiaria turpisaria.

Acidalia turpisaria. Walker: xxiii. 771 ♀ (1861).
Craspedia (?) *turpisaria.* Moore: Lep. Ceylon, iii. p. 452, pl. 201, f. 10 ♀ (1887).
——————— C. and S.: Cat. Moths of India, iv. 581. 3961 (1888).
Acidalia tephrosaria. Moore: P. Z. S., Lond., 1867, p. 643 ♂.
Idæa tephrosaria. Cotes and Swinh.: l. c., 579. 3950.

Type (*tephrosaria*). Bengal, in coll. Russell.
a. Sarawak, Borneo (type) (Wallace). b. Khasia Hills.

2464. Luxiaria subrasata.

Acidalia subrasata. Walker: xxiii. 773 (1861).
Luxiaria subrasata. Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 207.
Nadagara nigripalparia. Walker: xxvi. 1687 (1862).

Type (*nigripalparia*). Sarawak, Borneo, in B. M.
a. Sarawak (type) (Wallace).
I have this from the Khasia Hills, where it is common.

2465. Luxiaria submonstrata.

Acidalia submonstrata. Walker: xxiii. 772 (1861).
Luxiaria submonstrata. Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 207.
a. Sarawak, Borneo (type) (Wallace). b. Khasia Hills (3).

2466. Luxiaria fasciosa.

Luxiaria fasciosa. Moore: Descr. Ind. Lep. Atk., p. 254 (1888).
———— C. and S.: Cat. Moths of India, iv. 586. 4007 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 207.
Bithia amasa. Butler: Ann. Mag. N. H. (5), i. p. 405 (1878).
———— Ill. Typ. Lep. Het., B. M., iii. p. 45, pl. 52, f. 4 (1879).

Type. Darjiling, in coll. Staudinger.
Type (*amasa*). Yokohama, in B. M.
a. Khasia Hills (4).

Genus **NADAGARODES.** Warren: Nov. Zool., ii. p. 133 (1895).

2467. Nadagarodes mysolata.

Nadagara mysolata ♂. Walker: xxxv. 1665 (1866).
Nadagarodes mysolata. Warren: l. c., p. 134.
Nadagara ceramata (♀). Walker: xxxv. 1666.
Psamatodes nunctata. Felder: Reise Nov. Lep., pl. 129, f. 20, 20 *a* (1874).

Type (*nunctata*). Moluccas, in coll. Rothschild.
a. Mysol (type) (Wallace). b. Ceram (type *ceramata*) (Wallace).

2468. Nadagarodes inexactata.

Acidalia inexactata. Walker: xxiii. 770 ♀ (1861).
Luxiaria (?) *straminea.* Warren: Nov. Zool., iii. p. 303 (1896).
Nadagarodes straminea. Warren: l. c., p. 411.
Luxiaria ditrota. Meyrick: Trans. Ent. Soc., Lond., 1897, p. 76.
Luxiaria contigaria. Hmn.: (part) Faun. Brit. Ind. Moths, iii. p. 196 (1895).

Type (*straminea*). ♀ Fergusson Isl. ♂ Amboina, in coll. Rothschild.
Type (*ditrota*). Sambawa, in coll. Elwes.
a. Sarawak, Borneo (type) (Wallace).

Warren (Nov. Zool., i. p. 439) made *inexactata* the type of his genus *Bithiodes*, in error: believing *inexactata* to be the same as *obliquata*, Moore: the latter being the insect examined, and on which his type is based. See his note at p. 354, Nov. Zool., vi. (1899).

2469. Nadagarodes imprimata.

Acidalia imprimata. Walker: xxiii. 771 (1861).
Luxiaria exclusa. Hmn.: (part) Faun. Brit. Ind. Moths, iii. p. 196 (1895).
Nadagarodes turpis. Warren: Nov. Zool., iv. p. 253 (1897).
Nadagarodes quadrimaculata. Warren: l. c., v. p. 252 (1898).

Type (*turpis*). Bali, in coll. Rothschild.
Type (*quadrimaculata*). Sumba, in coll. Rothschild.
a. Sarawak Borneo (type) (Wallace).

Genus **CALLETAERA.** Warren: Nov. Zool., ii. p. 132 (1895).

2470. Calletaera subexpressa.

Acidalia subexpressa. Walker: xxiii. 773 (1861).
Scotopteryx paganata. Felder: Reise Nov. Lep., pl. 125, f. 9 (1874).
———— C. and S.: Cat. Moths of India, iii. 511. 3414 (1888).

Type (*paganata* ♂). India? in coll. Rothschild.
a. Sarawak, Borneo (type ♀) (Wallace).

GENUS **EUIPPE**. Meyrick: Trans. Ent. Soc., Lond., 1886, p. 210.

2471. Euippe phalarota.

Euippe phalarota. Meyrick: l. c.
Luxiaria fictaria. Walker: MS.

Type. Solomon Islands, in coll. Meyrick.

a. Sarawak, Borneo (*fictaria* ♀) (Wallace). b. Singapore ♂. (Wallace).

GENUS **CASSYMA**. Guen.: Phal., ii. p. 17 (1857).
Eutœa. Walker: xx. 217 (1860).
Nustidava. Walker: xxvi. 1572 (1862).

2472. Cassyma heteroneurata.

Cassyma heteroneurata. Guen.: l. c., 19. 922.
———— Walker: xxiii. 812 (1861).
———— Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 210.
———— Hmn.: Faun. Brit. Ind. Moths, iii. p. 198 (1895).
Eutœa personaria. Walker: xx. 217.
Nustidava unilineata. Walker: xxvi. 1573.

Type (*personaria*). Without locality, in B. M.

a. Sarawak, Borneo (type *unilineata*) (Wallace). b. Sarawak (Wallace).

GENUS **ZAMARADA**. Moore: Lep. Ceylon, iii. p. 432 (1887).

2473. Zamarada scriptifasciata.

Comibæna scriptifasciata. Walker: xxvi. 1566 (1862).
Euchloris baliata. Felder: Reise Nov. Lep., pl. 127, f. 7 (1874).
Phorodesma eogenaria. Snellen: Tijd. voor Ent., xxiv. p. 78, pl. 10, f. 1 (1883).
Zamarada translucida. Moore: l. c., pl. 197, f. 2.
———— C. and S.: Cat. Moths of India, iv. 524. 3515 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 210.
———— Hampson: Faun. Brit. Ind. Moths, iii. p. 198 (1895).
Zamarada excisa. Hampson: Ill. Typ. Lep. Het., B. M., viii. p. 110 (1891); ix. 35. 897 (1893).

Type. Sarawak, Borneo, in B. M.
Type (*baliata*). Java, in coll. Rothschild.
Type (*eogenaria*). Celebes, in coll. Snellen.
Type (*translucida*). Java, in B. M.
Type (*excisa*). Nilgiri Hills, in B. M.

a. Sarawak (Wallace).

Very variable in the width of the marginal band; colour pale olive green, nearly hyaline; a brown spot at end of each cell.

2474. Zamarada cosmiaria.

Zamarada cosmiaria. Swinhoe: Ann. Mag. N. H. (6), xii. p. 155 (1893).
———— Trans. Ent. Soc., Lond., 1894, p. 210, pl. 2, f. 3.
———— Hmn.: Faun. Brit. Ind. Moths, iii. p. 199 (1895).

Type. Khasia Hills, in B. M.

a. Khasia Hills (2).

Bright green, wings fairly clothed, marginal band narrow, a minute dot at end of each cell; quite a different species from *scriptifasciata*; Sir George Hampson could not have had a sufficient number of examples before him, when coming to the conclusion expressed at p. 552 of his vol. iv.

Genus **KRANANDA**. Moore: P. Z. S., Lond., 1867, p. 648.

2475. Krananda semihyalina.

Krananda semihyalina. Moore: l. c.
———— C. and S.: Cat. Moths of India, iv. 543. 3661 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 210.
———— Hmn.: Faun. Brit. Ind. Moths, iii. p. 199 (1895).

Type. Bengal, in coll. Russell.

a. India (2).

Genus **ZEHEBA**. Moore: Lep. Ceylon, iii. p. 469 (1887).

2476. Zeheba lucidata.

Macaria (?) *lucidata*. Walker: xxvi. 1651 (1862).
Zeheba lucidata. Hampson: Faun. Brit. Ind. Moths, iii. p. 201 (1895).
Evarzia marginata. Walker: xxxv. 1561 ♀ (1866).
Zeheba marginata. Moore: l. c., pl. 205, f. 8 ♀.
———— C. and S.: Cat. Moths of India, iv. 542. 3654 (1888).
———— Hmn.: Ill. Typ. Lep. Het., B. M., ix. 35. 899 (1893).
———— Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 210.
Hydata spectabilis. Butler: P. Z. S., Lond., 1877, p. 474.
Zeheba aureata. Moore: Descr. Ind. Lep. Atk., p. 263 ♂ (1888).
———— Cotes and Swinh.: l. c., 3653.
Zeheba aurata. Hmn.: Ill. Typ. Lep. Het., B. M., viii. p. 29. 825 (1891).

Type (*marginata*). Java, in B. M.

Type (*spectabilis*). Cape York, in B. M.

Type (*aureata*). Darjiling, in B. M.

a. Sarawak, Borneo (type) (Wallace). b. Bombay.

Genus **MACARIA**. Curt. Brit. Ent., vi. p. 132 (1823).
Gonodela. Boisd.: Ind. Méth., p. 186 (1840).
Azata. Walker: xx. 272 (1860).
Gubaria. Moore: Lep. Ceylon, iii. p. 464 (1887).

2477. Macaria fasciata.

Phalæna fasciata. Fabr.: Syst. Ent., p. 629 (1775).
———— Ent. Syst., iii. (2), 164 (1794).
Gubaria fasciata. Moore: l. c., pl. 203, f. 6 *a*, *b*.
———— C. and S: Cat. Moths of India, iv. 539. 3632 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 210.
———— Hampson: Ill. Typ. Lep. Het., B. M., viii. 29. 816 (1891); ix. 35. 902 (1893).

Macaria fasciata. Swinhoe: l. c., 1894, p. 209.
———— Hampson: Faun. Brit. Ind. Moths, iii. p. 202 (1895).
Phalæna eleonora. Cram.: Pap. Exot., iii. p. 172, pl. 288, f. E. F. G (1782).
Macaria eleonora. Walker: xxiii. 933 (1861).
———— Moore: P. Z. S., Lond., 1867, p. 648.
———— Snellen: Tijd. voor Ent., xxiv. p. 88 (1881).
———— Swinhoe: P. Z. S., Lond., 1885, p. 860; 1886, p. 455.
Gubaria eleonora. Butler: Ill. Typ. Lep. Het., B. M., vii. p. 23 (1889).
Macaria victorinata. Guen.: Phal., ii. p. 90 (1857).

a. India (6) (Hearsay). b. Assam (Jenkins). c. Ceylon (Thwaites). d. Central India (2).

2478. Macaria inchoata.

Macaria inchoata. Walker: xxiii. 931 (1861).
———— Swinhoe: (part) Trans. Ent. Soc., Lond., 1894, p. 209.
———— Hampson: Faun. Brit. Ind. Moths, iii. p. 203 (1895).
Gonodela inchoata. C. and S.: Cat. Moths of India, iv. 541. 3642 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 210.
Gubaria inchoata. Hmn.: Ill. Typ. Lep. Het., B. M., viii. 29. 819 (1891).

Type. Moulmein, in B. M.

a. India. b. Bombay. c. Khasia Hills (4).

The type specimen is a female; some females of this extreme form look very distinct; I have received many hundreds of this species of both sexes and of *M. Nora* from the Khasia Hills. They run very much into each other and are I think doubtfully distinct.

2479. Macaria nora.

Macaria nora. Walker: xxiii. 934 (1861).
———— Moore: P. Z. S., Lond., 1867, p. 648; 1877, p. 633; 1878, p. 851.
———— Hampson: Faun. Brit. Ind. Moths, iii. p. 203 (1895).
Gubaria nora. Moore: Lep. Ceylon, iii. p. 465, pl. 203, f. 5, 5*a* (1887).
———— C. and S.: Cat. Moths of India, iv. 540. 3634 (1888).
———— Hampson: Ill. Typ. Lep. Het., B. M., viii. 29. 817 (1891); ix. 35. 903 (1893).
Macaria eleonorata. Guen.: Phal., ii. 89. 1062 (1857).
Macaria neonora. Walker: xxiii. 934 (1861).

Type. N. India, in B. M.

Type (*neonora*). Philippine Islands, in B. M.

a. Darjiling. b. Khasia Hills (4). c. Timor. d. Makian, Celebes.

2480. Macaria xanthonora.

Macaria xanthonora. Walker: xxiii. 935 (1861).
———— Butler: Ill. Typ. Lep. Het., B. M., vi. p. 78, pl. 118, f. 12 (1886).
———— Swinhoe: Trans. Ent. Soc. Lond., 1894, p. 209.
———— Hampson: Faun. Brit. Ind. Moths, iii. p. 203 (1895).
Gubaria xanthonora. C. and S.: Cat. Moths of India, iv. 540. 3635 (1888).
———— Swinhoe: l. c., 1890, p. 210.
———— Hmn.: Ill. Typ. Lep. Het., B. M., viii. 29. 818 (1891).

Type. N. India, in B. M.

a. Assam (Jenkins). b. Khasia Hills (3).

2481. Macaria elvirata.

Macaria elvirata. Guen.: Phal., ii. 90. 1064 (1857).
———— Walker: xxiii. 934 (1861).
———— C. and S.: Cat. Moths of India, iv. 539. 3631 (1888).
———— Hampson: Faun. Brit. Ind. Moths, iii. p. 204 (1895).
Azelina metagonaria. Walker: xxvi. 1518 (1862).
Macaria metagonaria. Moore: P. Z. S., Lond., 1867, p. 647.
———— Swinhoe: P. Z. S., Lond., 1885, p. 860.
———— Butler: Ill. Typ. Lep. Het., B. M., vi. p. 78, pl. 118, f. 11 (1886).
———— Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 208.
Gubaria metagonaria. Cotes and Swinh.: l. c., 540. 3633.

Type (*metagonaria*). Darjiling, in B. M.
a. India. b. Darjiling. c. Khasia Hills (4).

2482. Macaria avitusaria.

Evarzia avitusaria. Walker: xx. 274 (1860).

a. Sarawak, Borneo (type ♂) (Wallace).

2483. Macaria odataria.

Evarzia odataria. Swinhoe: Ann. Mag. N. H. (6), xii. p. 154 (1893).
Macaria odataria. Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 209, pl. 2, f. 17.
———— Hampson: Faun. Brit. Ind. Moths, iii. p. 204 (1895).

Type. Shillong, in B. M.
a. Darjiling.

2484. Macaria sufflata.

Macaria sufflata. Guen.: Phal., ii. p. 88, pl. 17, f. 8 (1857).
———— Walker: xxiii. 925 (1861).
———— Snellen: Tijd. voor Ent., xxiv. p. 87 (1881).
———— Butler: P. Z. S., Lond., 1886, p. 390.
———— Hmn.: (part) Faun. Brit. Ind. Moths, iii. p. 204 (1895).
Gonodela sufflata. Moore: Lep. Ceylon, iii. p. 467, pl. 205, f. 5, 6 (1887).
———— C. and S.: Cat. Moths of India, iv. 542. 3648 (1888).
———— Hmn.: (part) Ill. Typ. Lep. Het., B. M., ix. 35. 904 (1893).
———— Butler: P. Z. S., 1898, p. 433.
Gonodela horridaria. Moore: Descr. Ind. Lep. Atk., p. 262 (1888).
———— Cotes and Swinh.: l. c., 541. 3641.
———— Hmn.: Ill. Typ. Lep. Het., B. M., viii. 29. 822 (1891).
Gonodela placida. Moore: l. c.
———— Cotes and Swinh.: l. c., 3646.
Semiothisa diplotata. Felder: Reise Nov. Lep., pl. 128, f. 16 (1874).
Gonodela diplotata. Cotes and Swinh.: l. c., 540. 3636.

Type (*horridaria*). Darjiling, in coll. Staudinger.
Type (*placida*). Calcutta, in coll. Staudinger.
Type (*diplotata*). Bengal, in coll. Rothschild.

2485. Macaria vasudeva.

Macaria vasudeva. Walker: xxiii. 930 (1861).
———— Swinhoe: P. Z. S., Lond., 1885, p. 860.
———— Trans. Ent. Soc., Lond., 1894, p. 208.

Gonodela vasudeva. Moore: Lep. Ceylon, iii. p. 468, pl. 205, f. 11 ♀ (1887).
——————— C. and S.: Cat. Moths of India, iv. 542. 3649 (1888).
——————— Swinhoe: l. c., 1890, p. 210.
——————— Hmn.: Ill. Typ. Lep. Het., B. M., viii. 29. 824 (1891).
Macaria hebesata. Walker: xxiii. 931.
——————— Butler: Ill. Typ. Lep. Het., B. M., iii. p. 44, pl. 52, f. 1 (1879).
——————— Leech: Ann. Mag. N. H. (6), xix. p. 306 (1897).
Gonodela hebesata. Cotes and Swinh.: l. c., 540. 3639.
——————— Hmn.: l. c., 29. 821; ix. p. 141, pl. 152, f. 2, 9 (1893).
Macaria sinicaria. Walker: xxvi. 1650 (1862).
Macaria breviusculata. Walker: xxvi. 1650.
Macaria proditaria. Brem.: Lep. Ost.-Sib., p. 81, pl. 7, f. 7 (1864).
——————— Græser: Berl. Ent. Zeit., 1888, p. 395.
Opisthograptis proditaria. Meyrick: Trans. Ent. Soc., Lond., 1892, p. 103.
Macaria vivida. Walker: xxxv. 1657 (1866).
Macaria maligna. Butler: Ann. Mag. N. H. (5), i. p. 405 (1878).
——————— Ill. Typ. Lep. Het., B. M., iii. p. 44, pl. 52, f. 3.

Type. Colombo, Ceylon, in B. M.
Type (*hebesata*). N. India, in B. M.
Types (*sinicaria* and *breviusculata*). China, in B. M.
Type (*maligna*). Yokohama, in B. M.
a. India (4). b. Bombay. c. Gangun (Minchin). d. Darjiling. e. China. f. Flores (type *vivida*) (Wallace).

2486. Macaria fidoniata.

Macaria fidoniata. Guen.: Phal., ii. 78. 1030 (1857).
——————— Walker: xxiii. 924 (1861).
——————— Hampson: Faun. Brit. Ind. Moths, iii. p. 205 (1895).
Gonodela fidoniata. C. and S.: Cat. Moths of India, iv. 540. 3638 (1888).
Macaria streniataria. Walker: xxvi. 1646 (1861).
——————— Moore: P. Z. S., Lond., 1867, p. 648.
Gonodela streniataria. Cotes and Swinh.: l. c., 541. 3647.
——————— Warren: P. Z. S., Lond., 1888, p. 323.

Type (*streniataria*). South India, in B. M.
a. Central India (6) (Hearsay). b. India (3).

Genus **EVARZIA.** Walker: xx. 273 (1860).

2487. Evarzia ozararia.

Evarzia ozararia. Walker: xx. 274.
Macaria ozararia. Hampson: Faun. Brit. Ind. Moths, iii. p. 206 (1895).
Macaria perspicuaria. Moore: P. Z. S., Lond., 1867, p. 647.
——————— Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 209.
Evarzia perspicuaria. C. and S.: Cat. Moths of India, iv. 542. 3651 (1888).
——————— Hmn.: Ill. Typ. Lep. Het., B. M., ix. 35. 898 (1893).
Evarzia indica. Butler: Ann. Mag. N. H. (5), vi. p. 222 (1880).
——————— Ill. Typ. Lep. Het., B. M., vi. p. 79, pl. 118, f. 13 (1886).

Evarzia indica. Cotes and Swinh. : l. c., 3650.

Type. Sarawak, Borneo, in B. M.
Type (*perspicuaria*). Bengal, in coll. Russell.
Type (*indica*). Darjiling, in B. M.
a. Sarawak (Wallace). b. India.

2488. Evarzia acutaria.

Macaria acutaria. Walker: Char. Undescr. Lep. Het., p. 100 (1869).
———— C. and S.: Cat. Moths of India, iv. 536. 3605 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 209.
———— Hampson: Faun. Brit. Ind. Moths, iii. p. 207 (1895).

Type. Benares, in Devon and Exeter Museum.
a. India (3).

2489. Evarzia elongaria.

Macaria elongaria. Leech: Ann. Mag. N. H. (6), xix. p. 308 (1897).

Type. W. China, in coll. Leech.
a. N. China.

2490. Evarzia proximaria.

Macaria proximaria. Leech: Ann. Mag. N. H. (6), xix. p. 309 (1897).
Parasemia pryeri. Butler: Trans. Ent. Soc., Lond., 1881, p. 417 (præocc.).

Type. Hakodaté, Japan, in B. M.
a. Japan.

2491. Evarzia shanghaisaria.

Macaria shanghaisaria. Walker: xxiii. 926 (1861).
———— Leech: Ann. Mag. N. H. (6), xix. p. 309 (1897).
Semiothisa graphata. Hed.: Hor. Ross., xvi. p. 51, pl. 10, f. 4 (1881).
Opisthograptis graphata. Meyrick: Trans. Ent. Soc., Lond., 1892, p. 103.

Type. Shanghai, in B. M.
a. Japan. b. N. China.

2492. Evarzia emersaria.

Macaria emersaria. Walker: xxiii. 925 (1861).
———— Moore: P. Z. S., Lond., 1867, p. 648.
———— Lep. Ceylon, iii. p. 466 (1887).
———— C. and S.: Cat. Moths of India, iv. 536. 3609 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 210; 1894, p. 207.
———— Hmn.: Ill. Typ. Lep. Het., B. M., viii. 29. 810 (1891).
———— Faun. Brit. Ind. Moths, iii. p. 207 (1895).
Semiothisa emersaria. Hmn.: Ill. Typ. Lep. Het., B. M., ix. p. 142, pl. 170, f. 18 (1893).
———— Warren: Nov. Zool., iv. p. 399 (1897).
Macaria translineata. Walker: xxxv. 1658 (1866).

Type. Moulmein, in B. M.
a. Menado, Celebes (type *translineata*) (Wallace). b. Ceylon (3) (Thwaites). c. India.

Genus **SEMIOTHISA.** Hübn.: Verz., p. 298 (1816).

2493. Semiothisa perfusaria.

Macaria perfusaria. Walker: xxxv. 1659 (1866).
———— Hmn.: (part) Faun. Brit. Ind. Moths, iii. p. 208 (1895).
Azata ferruginata. Moore: Lep. Ceylon, iii. p. 470, pl. 205, f. 2 (1887).
———— C. and S.: Cat. Moths of India, iv. 542. 3655 (1888).
———— Butler: Ill. Typ. Lep. Het., B. M., vii. p. 23 (1889).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 211.
———— Hmn.: Ill. Typ. Lep. Het., B. M., viii. 29. 826 (1891).

a. Mount Ophir (type) (Wallace). **b.** Khasia Hills (3).

Genus **DIASTICTIS.** Hübn.: Verz., p. 288 (1816).

2494. Diastictis disputaria.

Eubolia (?) *disputaria.* Guen.: Phal., ii. 489. 1710 (1857).
———— Walker: xxv. 1439 (1862).
Tephrina disputaria. Hmn.: Faun. Brit. Ind. Moths, iii. p. 209 (1895).
Cleora (?) *pulinda.* Walker: xxi. 333 (1860).
Tephrina pulinda. Moore: Lep. Ceylon, iii. p. 471, pl. 204, f. 7, 8 (1887).
———— C. and S.: Cat. Moths of India, iv. 538. 2627 (1888).
Macaria strenuataria. Walker: xxvi. 1647 (1862).
———— Moore: P. Z. S., Lond., 1867, p. 648.
———— Butler: Ann. Mag. N. H. (5), v. 224 (1880).
———— Swinhoe: P. Z. S., Lond., 1884, p. 527; 1885, p. 861.
Macaria strenuata. Walker: xxvi. 1647.
Tephrina strenuata. Cotes and Swinh.: l. c., 539. 3629.
Macaria integrata. Walker: xxvi. 1648.
———— Cotes and Swinh: l. c., 537. 2612.
Aspilates indotata. Walker: xxvi. 1681.
Tephrina indotata. Cotes and Swinh.: l. c., 538. 3621.
Tephrina lithina. Butler: P. Z. S., Lond., 1883, p. 171.
———— Swinhoe: P. Z. S., Lond., 1884, p. 527.
Macaria lithina. Swinhoe: l. c., 1885, p. 861; 1886, p. 456.
Tephrina zebrina. Butler: l. c.
———— Cotes and Swinh.: l. c., 539. 3630.
Macaria zebrina. Swinhoe: l. c., 1885, p. 861; 1886, p. 456.
Tephrina granitalis. Butler: l. c.
Macaria granitalis. Swinhoe: l. c., 1885, p. 861.
Tephrina sublimbata. Butler: l. c., 1884, p. 502.
Macaria boaria. Swinhoe: l. c., pl. 56, f. 12.
———— Cotes and Swinh.: l. c., 536. 3606.
Macaria infrictaria Swinhoe: l. c., p. 862.
Tephrina infrictaria. Cotes and Swinh.: l. c., 538. 3623.
Tephrina ossea. Swinhoe: Trans. Ent. Soc., Lond., 1885, p. 353, pl. 9, f. 9.
———— Cotes and Swinh.: l. c., 3625.

Types: (*pulinda*) Ceylon. (*strenuataria* and *integrata*) S. India. (*strenuata*) Punjab. (*indotata*) N. India. (*lithina*) Karachi. (*zebrina* and *granitalis*) Mhow. (*sublimbata*) Aden. (*boaria* and *infrictaria*) Poona. (*ossea*) Quetta. All in B. M.

a. Indore (5) (Hearsay). b. Bombay (3).

I have individual specimens representing all the forms described, but from a careful examination of a very long series from many localities, I feel convinced they represent different forms of one very variable species, because in almost every locality the various forms occur.

2495. Diastictis bolina.

Macaria bolina. Swinhoe : P. Z. S., Lond., 1885, p. 861.
———— Hampson : Ill. Typ. Lep. Het., B. M., viii. 29. 812 (1891).
Tephrina bolina. C. and S. : Cat. Moths of India, iv. 537. 3618 (1888).

Type Poona in B. M.
a. Indore (2) (Hearsay).

2496. Diastictis perviaria.

Eubolia perviaria. Led. : Verh. Zool. Bot. Ges. Wien., v. p. 213, pl. 3, f. 7 (1855).
———— Staud. and W. : Cat., No. 2465 (1871).
Psamatodes perviaria. Guen. : Phal., ii. 109. 1099 (1857).
———— Walker : xxiii. 970 (1861).
Diastictis perviaria. Meyrick : Trans. Ent. Soc., Lond., 1892, p. 103.
Fidonia albofascia. Swinhoe : P. Z. S., Lond., 1884, p. 527, pl. 48, f. 14.
———— C. and S. : Cat. Moths of India, iv. 543. 3676 (1888).

Type (*albofascia*). Karachi, in B. M.
a. Indore (2) (Hearsay).

2497. Diastictis penthearia.

Selidosema penthearia. Guen. : Phal., ii. 146. 1164 (1857).
———— Walker : xxiv. 1030 (1862).
Cosymbia penthearia. Meyrick : Pr. Linn. Soc., N. S. W., 1891, p. 592.
Tephrina adustaria. Walker : xxxv. 1661 (1866).
Tephrina rupicolor. Butler : Trans. Ent. Soc., Lond., 1886, p. 438.

Type (*adustaria*). Moreton Bay, in B. M.
Type (*rupicolor*). Australia, in B. M.
a. E. Australia.

GENUS **TEPHRINOPSIS.** Warren : Nov. Zool., iii. p. 412 (1896).

2498. Tephrinopsis frugaliata.

Macaria frugaliata. Guen. : Phal., ii. 78. 1031 (1857).
———— Walker : xxiii. 924 (1861).
———— C. and S. : Cat. Moths of India, iv. 536. 3610 (1888).
———— Hampson : Faun. Brit. Ind. Moths, iii. p. 202 (1895).
Semiothisa frugaliata. Hmn. : Ill. Typ. Lep. Het., B. M., ix. 35. 907 (1893).
Macaria peremptaria. Walker : xxiii. 929.
———— Butler : P. Z. S., Lond., 1883, p. 171.
———— Swinhoe : P. Z. S., Lond., 1886, p. 456.
Tephrina peremptaria. Swinhoe : l. c., 1884, p. 527.
———— Cotes and Swinh. : l. c., 538. 3626.
Macaria cacavena. Walker : xxiii. 930.
———— Butler : Ill. Typ. Lep. Het., B. M., vii. p. 23 (1889).

Tephrina cacavena. Moore: Lep. Ceylon, iii. p. 471, pl. 204, f. 11, 12 (1887).
———— Cotes and Swinh.: l. c., 537. 3619.
Aspilates parallelaria. Walker: xxvi. 1680 ♀ (1862).
Tephrina parallelaria. Hmn.: (part) Faun. Brit. Ind. Moths, iii. p. 210.

Type (*peremptaria*). South India, in B. M.
Types (*cacavena* and *parallelaria*). Ceylon, in B. M.
a. Indore (4) (Hearsay).

Genus **DISCALMA.** Meyrick: Proc. Linn. Soc., N. S. W., 1891, p. 590.

2499. Discalma fictiliaria.

Panagra fictiliaria. Guen.: Phal., ii. 129. 1127 (1857).
———— Walker: xxiii. 993 (1861).
Tephrina procurata. Walker: xxiii. 965.
Osteodes procurata. Meyrick: l. c., p. 589.
Tephrina exsecutaria. Walker: xxiii. 968.
Panagra aviata. Walker: xxiii. 1001.
Panagra ferritinctaria. Walker: xxiii. 1002.
Aspilates dissutata. Walker: xxiv. 1074 (1862).

Types (*procurata*, *aviata*, and *ferritinctaria*). Sydney, in B. M.
Type (*exsecutaria*). Without locality, in B. M.
Type (*dissutata*). Tasmania, in B. M.
a. Van Diemen's Land (3).
A very variable species.

Genus **DISSOMORPHIA.** Warren: Nov. Zool., i. p. 438 (1894).
Halia. Guen.: Phal., ii. p. 91 (1857) (præocc.).

2500. Dissomorphia australiaria.

Halia australiaria. Guen.: l. c.
———— Walker: xxiii. 946 (1861).
Diastictis australiaria. Meyrick: Proc. Linn. Soc., N. S. W., 1891, p. 587.
Dissomorphia australiaria. Warren: l. c.
Selenia apamaria. Walker: xx. 255 (1860).
Macaria remotaria. Walker: xxiii. 938.
———— Butler: Ann. Mag. N. H. (5), ix. p. 92 (1882).
Macaria gratularia. Walker: xxiii. 939.
Macaria infixaria. Walker: xxiii. 939.
Macaria frontaria. Walker: xxvi. 1652 (1862).
———— Butler: l. c.
Macaria panagraria. Walker: xxxv. 1653 (1866).
Macaria porrectaria. Walker: xxxv. 1659.

Type (*gratularia*). Sydney, in B. M.
Types (*remotaria* ♀, *infixaria* ♀, *frontaria* ♂). Tasmania, in B. M.
Type (*porrectaria* ♀). Swan River, in B. M.
a. Van Diemen's Land (type *apamaria* ♀). b. Tasmania (type *panagraria*). c. New South Wales. d. Van Diemen's Land (4).

Genus **NECYOPA.** Walker: xxiv. 1079 (1862).

2501. Necyopa flatipennata.

Necyopa flatipennata. Walker: xxiv. 1079.

a. Sarawak, Borneo (type) (Wallace).

Genus **RHINODIA.** Guen.: Phal., ii. p. 125 (1857).

2502. Rhinodia rostraria.

Rhinodia rostraria. Guen.: l. c.
——————— Meyrick: Proc. Linn. Soc., N. S. W., 1891, p. 660.
Rhinodia rostrata. Walker: xxiii. 982 (1861).
Panagra undiferaria. Walker: xxxv. 1663 (1866).
Panagra jucundaria. Walker: l. c.
Stegania (?) *allogata.* Felder: Reise Nov. Lep., pl. 131, f. 15, 15 *a* (1874).
Stegania allongata. Rosenstock: Ann. Mag. N. H. (5), xvi. p. 430 (1885).

Type (*allogata*). Sydney, in coll. Rothschild.
Types (*undiferaria* and *jucundaria*). Swan River, in B. M.
a. Swan River ♂ ♀.

Sub-Family PROSOPOLOPHINÆ.

Genus **FISERA.** Walker: xxi. 291 (1860).

2503. Fisera perplexata. Pl. vii. f. 3.

Fisera perplexata. Walker: xxi. 292.

a. Tasmania (type).

Genus **SMYRIODES.** Guen.: Phal., i. p. 223 (1857).
Nisista. Walker: xxi. 293 (1860).
Vunga. Walker: xxxii. 453 (1865).

2504. Smyriodes aplectaria.

Smyriodes aplectaria. Guen.: l. c., pl. 20, f. 1 ♂.
——————— Walker: xxi. 324.
——————— Meyrick: Proc. Linn. Soc., N.S.W., 1891, p. 667.
Nisista notodontaria. Walker: xxi. p. 294.
Vunga delineata. Walker: xxxii. p. 453.

Type (*notodontaria*). Tasmania, in B. M.
Type (*delineata*). Moreton Bay, in B. M.
a. New South Wales.

Genus **MNESAMPELA.** Meyrick: Proc. Linn. Soc., N. S. W., 1891, vi. p. 656.

2505. Mnesampela fucata.

Chlenias (?) *fucata.* Felder: Reise Nov. Lep., pl. 124, f. 11 (1874).
Mnesampela fucata. Meyrick: l. c., p. 658.

Type. Moreton Bay, in coll. Rothschild.
a. Van Diemen's Land.

2506. Mnesampela privata.

Idiodes privata. Guen.: Phal., ii. p. 41, pl. 14, f. 4 (1857).
———— Walker: xx. 30 (1860).
Mnesampela privata. Meyrick: Proc. Linn. Soc., N. S. W., 1891, p. 658.
———— Lidgett: Vict. Nat., ix. p. 67 (1895).

a. Queensland. b. South Australia.

Sub-Family BOARMIINÆ.

Genus **AMRAICA.** Moore: Descr. Ind. Lep. Atk., p. 245 (1888).

2507. Amraica recursaria.

Boarmia recursaria. Walker: xxi. 374 ♀ (1860).
———— C. and S.: Cat. Moths of India, iv. 501. 3335 (1888).
Amraica recursaria. Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 213.
———— Warren: Nov. Zool., i. p. 427 (1894).
Biston recursaria. Hampson: Faun. Brit. Ind. Moths, iii. p. 246 (1895).
———— Leech: Ann. Mag. N. H. (6), xix. p. 324 (1897).
Boarmia ferrolavata. Walker: xxvi. 1536 ♀ (1862).
———— Cotes and Swinh.: l. c., 500. 3322.
Boarmia solivagaria. Walker: xxxv. 1586 ♀ (1866).
Boarmia ponderata. Felder: Reise Nov. Lep., pl. 125, f. 18 ♂ (1874).
Amphidasis superans. Butler: Ill. Typ. Lep. Het., B. M., ii. p. 48, pl. 35, f. 3 ♂ (1878).
Amraica fortissima. Moore: l. c., ♂.
———— Cotes and Swinh.: l. c., 503. 3352.
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 207.

Type (*ferrolavata*). India, in B. M.
Type (*solivagaria*). Java, in B. M.
Type (*ponderata*). Cochin China, in coll. Rothschild.
Type (*superans*). Yokohama, in B. M.
Type (*fortissima*). Darjiling, in coll. Staudinger.

a. Central India (type). b. India (3). c. Khasia Hills.
d. Indore (2) (Hearsay).

Genus **PHTHONOSEMA.** Warren: Nov. Zool., i. p. 428 (1894).

2508. Phthonosema tendinosaria.

Amphidasys tendinosaria. Brem.: Lep. Ost.-Sib., p. 73, pl. 7, f. 17 (1864).
———— Staud. and W.: Cat., No. 2336 (1871).
Boarmia tendinosaria. Graes.: Berl. Ent. Zeit., 1888, p. 400.
Biston tendinosaria. Meyrick: Trans. Ent. Soc., Lond., 1892, p. 122.
———— Leech: Ann. Mag. N. H. (6), xix. p. 323 (1897).
Phthonosema tendinosaria. Warren: l. c.

a. Japan.

Genus **BUZURA.** Walker: xxvi. 1531 (1862).

2509. Buzura suppressaria.

Amphidasys suppressaria. Guen.: Phal., i. p. 210 (1857).

Buzura suppressaria. Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 214.
Biston suppressaria. Hampson: Faun. Brit. Ind. Moths, iii. p. 247 (1895).
——————— Leech: Ann. Mag. N. H. (6), xix. p. 325 (1897).
Buzura multipunctaria. Walker: xxvi. 1531 (1862).
——————— Moore: P. Z. S., Lond., 1867, p. 625.
——————— Journ. As. Soc., Beng., liii. (2), 3. p. 237 (1884).
——————— C. and S.: Cat. Moths of India, iv. 491. 3254 (1888).
Buzura strigaria. Moore: P. Z. S., Lond., 1879, p. 416.
——————— Lep. Ceylon, iii. p. 407, pl. 188, f. 1 *a*, *b*, *c* (1887).
——————— Cotes and Swinh.: l. c., 492. 3255 (1888).

Type (*strigaria*). Ceylon, in B. M.
a. Silhet (types ♂ ♀ *multipunctaria*). b. India (3). c. Khasia Hills (3). d. Silhet.

2510. Buzura pura.

Buzura pura. Warren: Nov. Zool., i. p. 429 (1894).

Type ♀. S. Celebes, in coll. Rothschild.
a. Makian, Celebes ♀ (Wallace).

2511. Buzura varianaria.

Buzura varianaria. Swinhoe: P. Z. S., Lond., 1889, p. 425.
——————— S. and C.: Cat. Moths of India, vi. Add. 767, 3255 A (1889).
Biston varianaria. Hampson: Faun. Brit. Ind. Moths, iii. p. 247 (1895).
Buzura panterinaria. Swinhoe (nec Bremer und Grey): P. Z. S., Lond., 1888, p. 454.

Type. Mhow, in B. M.
a. Central India (4) (Hearsay).

GENUS **CUSIALA.** Moore: Lep. Ceylon, iii. p. 407 (1887).
Blepharoctenia. Warren: Nov. Zool., i. p. 428 (1894).

2512. Cusiala bistonaria. Pl. v. f. 5.

Boarmia bistonaria. Walker: xxxv. 1587 (1866).
Cusiala malescripta. Warren: Nov. Zool., iv. p. 90 (1897).

Type (*malescripta*). Kalao Isl., South of Celebes, in coll. Rothschild.
a. Makessar, Celebes (type) (Wallace).

2513. Cusiala decursaria. Pl. v. f. 3.

Boarmia decursaria. Walker: xxi. 384 (1860).

a. Sarawak, Borneo (type ♂) (Wallace).

2514. Cusiala bengaliaria.

Amphidasis bengaliaria. Guen.: Phal., i. p. 210, pl. 4, f. 2 (1857).
——————— Walker: xxi. 308 (1860).
——————— Moore: P. Z. S., Lond., 1867, p. 625.
——————— C. and S.: Cat. Moths of India, iv. 491. 3250 (1888).
Cusiala bengaliaria. Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 214.

Blepharoctenia bengaliaria. Warren: Nov. Zool., i. p. 428 (1894).
Biston bengaliaria. Hmn.: (part) Faun. Brit. Ind. Moths, iii. p. 247 (1895).
a. India. b. Silhet (2).

2515. Cusiala contectaria.

Amphidasis contectaria. Walker: xxvi. 1529 (1862).
——————— Butler: Ill. Typ. Lep. Het., B. M., vi. p. 60, pl. 115, f. 7 (1886).
——————— C. and S.: Cat. Moths of India, iv. 491. 3252 (1888).
Cusiala contectaria. Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 214.
Biston bengaliaria. Hmn.: (part) Faun. Brit. Ind. Moths, iii. p. 247 (1895).
Type. India, in B. M.
a. India.

GENUS **MELANODES.** Guen.: Phal., i. p. 222 (1857).

2516. Melanodes anthracitaria.

Melanodes anthracitaria. Guen.: l. c., pl. 9, f. 7.
——————— Walker: xxi. 324 (1860).
——————— Meyrick: Proc. Linn. Soc., N. S. W., 1891, p. 619.
Praxis corvus. Walker: xiii. 1087 (1857).
Type (*corvus*). Tasmania, in B. M.
a. New Holland. b. New South Wales (4). c. Australia.

GENUS **GASTRINA.** Guen.: Phal., i. p. 224 (1857).
Passa. Walker: xxxv. 1563 (1866).

2517. Gastrina cristaria.

Gastrina cristaria. Guen.: l. c., pl. 5, f. 4.
——————— Walker: xxi. 325 (1860).
——————— Meyrick: Proc. Linn. Soc., N. S. W., 1891, p. 668.
Praxis illapsa ♀. Walker: xiii. 1088 (1857).
Hypochroma velutinata. Walker: xxi. p. 442.
Passa latifasciata. Walker: xxxv. p. 1563.
Types (*illapsa* and *velutinata*). Tasmania, in B. M.
Type (*latifasciata*). Australia, in B. M.
a. Van Diemen's Land (3).

2518. Gastrina denticulata. nov. Pl. IV. f. 25.

♂ Pale pinkish grey, very thickly irrorated with dark brown, so as to make the thorax and fore-wings brown, antennæ reddish brown, palpi, head, and thorax brown, thorax with a pinkish-grey band in front; fore-wings with the basal and outer medial parts palest, the irrorations forming a sort of broad medial band, and a discal band, leaving the outer and upper portions all brown, two dentated black transverse medial lines, one just before and the other just beyond the middle, some discal longitudinal black streaks between the veins; hind-wings grey, whitish on basal portions, with some indications in the middle of a central dentated line, abdomen grey, anal tuft pinkish

grey. Underside grey with brown apical patches on all the wings, and a central denticulated line on hind-wings.

Expanse of wings, $1\frac{7}{10}$ inches.

a. Van Diemen's Land (type).

Genus **GASTRINODES.** Warren: Nov. Zool., iv. p. 249 (1897).

2519. Gastrinodes bitæniaria.

Boarmia bitæniaria. Le Guillon: Rev. Zool. Guér., 1841, p. 257.
———— Guen.: Phal., i. p. 249, pl. 3, f. 1 (1857).
———— Walker: xxi. 388 (1860).
———— Meyrick: Proc. Linn. Soc., N. S. W., 1891, p. 616.
Gastrina (?) *erebina.* Walker: xxi. 326.

Type (*erebina*). Tasmania, in B. M.

a. Queensland. b. Van Diemen's Land (3).

Genus **LOPHODES.** Guen.: Phal., i. p. 211 (1857).

2520. Lophodes australasiaria.

Boarmia australasiaria. Boisd.: Voy. de l'Astrolabe, Lep., p. 257 (1832).
———— Walker: xxi. 492 (1860).
Lophodes sinistraria. Guen.: l. c., p. 212, pl. 10, f. 5.
———— Walker: xxi. 309.
———— Meyrick: Proc. Linn. Soc., N. S. W., 1891, p. 620.

a. Queensland. b. East Australia (2). c. Van Diemen's Land (4). d. Australia (2).

Genus **DECLANA.** Walker: xv. 1649 (1858).
Detunda. Walker: xxxii. 618 (1865).

2521. Declana atronivea.

Detunda atronivea. Walker: xxxii. 619.
———— Meyrick: Trans. N. Zeal. Inst., 1883, p. 101.
Chlenias (?) *manxifera.* Fereday: Trans. N. Zeal. Inst., 1879, p. 268, pl. 9, f. 1.

Type. New Zealand, in B. M.

a. South Island, New Zealand.

Genus **JANKOWSKIA.** Oberth.: Etude d'Ent., ix. p. 25 (1884).

2522. Jankowskia charon.

Tephrosia charon. Butler: Ann. Mag. N. H. (5), i. p. 397 (1878).
———— Ill. Typ. Lep. Het., B. M., iii. p. 35, pl. 49, f. 4 (1879).
Boarmia charon. Leech: Ann. Mag. N. H. (6), xix. p. 344 (1897).
Jankowskia thoracicaria. Oberth.: l. c., p. 26, pl. 2, f. 8.
———— Leech: l. c., p. 429.

Type. Hakodaté, in B. M.

a. Japan.

GENUS **AMBLYCHIA**. Guen.: Phal., i. p. 214 (1857).

2523. Amblychia angeronaria.

Amblychia angeronaria. Guen.: l. c., p. 215, pl. 4, f. 9.
———— Walker: xxi. 313 (1860).
———— Moore: P. Z. S., Lond., 1867, p. 625.
———— C. and S.: Cat. Moths of India, iv. 510. 3401 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 215.
———— Hampson: (part) Faun. Brit. Ind. Moths, iii. p. 242 (1895).

a. India (3). b. Khasia Hills (2). c. Singapore (Wallace). d. Amboina (Wallace). e. Sumatra (Wallace).

GENUS **GYADROMA**. Swinh.: Trans. Ent. Soc., Lond., 1894, p. 220.

2524. Gyadroma testacearia.

Ennomos testacearia. Moore: P. Z. S., Lond., 1867, p. 623.
———— C. and S.: Cat. Moths of India, iv. 481. 3173 (1888).
Gyadroma testacearia. Swinhoe: l. c.
Amblychia testacearia. Hampson: Faun. Brit. Ind. Moths, iii. p. 242 (1895).

Type. Darjiling, in B. M.
a. India. b. Khasia Hills (3).

GENUS **MAIDANA**. nov.

Palpi upturned, reaching vertex of head, and fringed with long hair in front; antennæ of male bipectinated; fore-wings of male with fovea; vein 3 from before angle of cell; 7, 8, and 9 stalked from before upper angle; 10 absent; 11 free; the outer margin angled at vein 4; hind-wing with vein 3 from before angle of cell; with a thick fringe of hair at middle of inner margin; hind-femora fringed with hair.

Type (*tetragonata*). Walker.

2525. Maidana tetragonata.

Macaria tetragonata. Walker: xxvi. 1651 (1862).
Amblychia tetragonata. Hmn.: Faun. Brit. Ind. Moths, iii. p. 242 (1895).
Menophra deficiens. Moore: Descr. Ind. Lep. Atk., p. 237, pl. 8, f. 23 (1888).
———— C. and S.: Cat. Moths of India, iv. 494. 3271 (1888).

Type (*deficiens*). Darjiling, in coll. Staudinger.
a. Sarawak, Borneo (type) (Wallace).

GENUS **CHORODNA**. Walker: xxi. 314 (1860).

2526. Chorodna erebusaria.

Chorodna erebusaria. Walker: xxi. 314.
———— Moore: P. Z. S., Lond., 1867, p. 613.
———— Butler: Ill. Typ. Lep. Het., B. M., vi. p. 62, pl. 115, f. 9 (1886).

Chorodna erebusaria. C. and S.: Cat. Moths of India, iv. 474. 3122 (1888).
——————— Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 214.
——————— Hampson: Faun. Brit. Ind. Moths, iii. p. 245 (1895).

Type. North India, in B. M.
a. India (2).

2527. Chorodna pallidularia.

Chorodna pallidularia. Moore: P. Z S., Lond., 1867, p. 613.
——————— C. and S.: Cat. Moths of India, iv. 475. 3125 (1888).
——————— Hampson: Faun. Brit. Ind. Moths, iii. p. 243 (1895).

Type. Darjiling, in B. M.
a. India (3). b. Mungphu, Burma (2). c. Assam (Robertson).

2528. Chorodna metaphæaria.

Cyclidia metaphæaria. Walker: xxvi. 1482 ♂ (1862).
——————— xxxv. 1536 (1866).
Chorodna metaphæaria. Moore: P. Z. S., Lond., 1867, p. 613.
——————— Butler: Ill. Typ. Lep. Het., B. M., vi. p. 61, pl. 115, f. 8 (1886).
——————— C. and S.: Cat. Moths of India, iv. 474. 3123 (1888).
——————— Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 214.
——————— Hampson: Faun. Brit. Ind. Moths, iii. p. 244 (1895).
Erebomorpha semiclusaria. Walker: xxvi. 1552 ♂.
Erebomorpha prætextata. Felder: Reise Nov. Lep., pl. 126, f. 16 ♂ (1874).
——————— Cotes and Swinh.: l. c., 483. 3188.

Type. Darjiling, in B. M.
Type (*semiclusaria*). India, in B. M.
Type (*prætextata*). Darjiling, in coll. Rothschild.
a. India (2).

2529. Chorodna complicataria.

Orsonoba complicataria. Walker: xxi. 493 (1860).
a. Sarawak, Borneo (type ♂) (Wallace).

Genus **ELPHOS.** Guen.: Phal., i. p. 285 (1857).

2530. Elphos hymenaria.

Elphos hymenaria. Guen.: l. c., pl. 16, f. 4.
——————— Walker: xxi. 449 (1860).
——————— Moore: P. Z. S., Lond., 1867, p. 635.
——————— Lep. Ceylon, iii. p. 420, pl. 193, f. 1 (1887).
——————— C. and S.: Cat. Moths of India, iv. 509. 3398 (1888).
——————— Hampson: Ill. Typ. Lep. Het., B. M., ix. 36. 925 (1893).
——————— Swinhoe: (part) Trans. Ent. Soc., Lond., 1894, p. 215.
——————— Hampson: Faun. Brit. Ind. Moths, iii. p. 249 (1895).
Elphos procellosa. Warren: Nov. Zool., i. p. 431 (1894).

Type (*procellosa*). Assam, in coll. Rothschild.
a. India (2). b. Silhet. c. Borneo. d. Singapore (Horsley). e. Sumatra (Wallace).

2531. Elphos pardicelata.

Elphos pardicelata. Walker: xxvi. 1544 (1862).
———— Moore: P. Z. S., Lond., 1867, p. 635.
———— Butler: Ill. Typ. Lep. Het., B. M., vi. p. 65, pl. 116, f. 7 (1886).
———— C. and S.: Cat. Moths of India, iv. 509. 3399 (1888).
———— Hampson: Faun. Brit. Ind. Moths, iii. p. 250 (1895).
Elphos scolopaiea. Moore (nec Drury): Journ. As. Soc., Beng., liii. (2), 3, p. 237 (1884).
———— Cotes and Swinh.: l. c., 3400.
———— Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 215.
Elphos megaspilata. Warren: Nov. Zool., i. p. 430 (1894).

Type. India, in B. M.
Type (*megaspilata*). Khasia Hills, in coll. Rothschild.
a. India (2). b. Silhet.

Genus **XANDRAMES.** Moore: P. Z. S., Lond., 1867, p. 634.

2532. Xandrames dholaria.

Xandrames dholaria. Moore: l. c.
———— C. and S.: Cat. Moths of India, iv. 496. 3287 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 217.
Xandrames latiferaria. Hampson: (part) Faun. Brit. Ind. Moths, iii. p. 250 (1895).

Type. Darjiling, in B. M.
a. India (2).

Genus **SCOTOPTERYX.** Hübn.: Verz., p. 313 (1816).
Gnophos. Treit.: Schm. Eur., vi. (1), p. 160 (1827).

2533. Scotopteryx muscosaria.

Gnophos muscosaria. Walker: xxxv. 1596 (1866).
———— Moore: P. Z. S., Lond., 1867, p. 635.
———— Butler: Ill. Typ. Lep. Het., B. M., vi. p. 66, pl. 116, f. 10 (1886).
———— C. and S.: Cat. Moths of India, iv. 511. 3411 (1888).
———— Hampson: Faun. Brit. Ind. Moths, iii. p. 251 (1895).
———— Leech: Ann. Mag. N. H. (6), xix. p. 327 (1897).
Scotosia vitreata. Moore: l. c., p. 656.
Gnophos vitreata. Butler: P. Z. S., Lond., 1886, p. 390.
———— Cotes and Swinh.: l. c., 512. 3420.

Type. Darjiling, in coll. Staudinger.
Type (*vitreata*). Bengal, in B. M.
a. India (2).

Genus **CATASCIA.** Hübn.: Verz., p. 313 (1816).

2534. Catascia eolaria.

Gnophos eolaria. Guen.: Phal., i. 294. 466 (1857).
———— Walker: xxi. p. 468 (1860).
———— C. and S.: Cat. Moths of India, iv. 510. 3407 (1888).

Gnophos eolaria. Leech: Ann. Mag. N. H. (6), xix. p. 330 (1897).
Gnophus eolarius. Hampson: Faun. Brit. Ind. Moths, iii. p. 253 (1895).
Catascia eolaria. Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 218.
———— *var. fuscobrunnea.* Warren: Nov. Zool., iii. p. 318 (1896).
Gnophos obtectaria. Walker: xxxv. 1597 (1866).
———— Moore: P. Z. S., Lond., 1867, p. 635.
———— 2d Yark. Miss., Calcutta, p. 14 (1879).
———— Butler: P. Z. S., Lond., 1886, p. 389.
———— Ill. Typ. Lep. Het., B. M., vi. p. 66, pl. 116, f. 8 (1886).
———— Cotes and Swinh.: l. c., 511, 3412.
———— Warren: P. Z. S., Lond., 1888, p. 321.
Hypochroma tenebrosaria. Moore: P. Z. S., Lond., 1867, p. 633.
———— Cotes and Swinh.: l. c., 512. 3416.
Gnophos pærlita. Butler: P. Z. S., Lond., 1886, p. 389.
———— Cotes and Swinh.: l. c., 511. 3413.
———— Warren: l. c.

Type (*obtectaria*). Darjiling, in B. M.
Type (*tenebrosaria*). Bengal, in B. M.
Type (*pærlita*). Punjab, in B. M.
a. India (3). b. Khasia Hills (4).

2535. Catascia scriptaria.

Tephrosia scriptaria. Walker: xxi. 422 (1860).
Scotosia stigmatica. Walker: xxv. 1359 (1862).
Scotosia panagrata. Walker: xxv. 1360.
Barsine panagrata. Meyrick: Trans. N. Zeal. Inst., 1883, p. 100.
Angerona meanaria. Walker: xxvi. 1500 (1862).
Epirrhanthis (?) *antipodaria.* Felder: Reise Nov. Lep., pl. 126, f. 3 (1874).
Hyperythra (?) *desiccata.* Butler: Cist. Ent., ii. p. 495 (1879).
Hyperythra (?) *arenacea.* Butler: l. c.

Type. New Zealand, in B. M.
Types (*meanaria* and *stigmatica*). New Zealand, in B. M.
Type (*panagrata*). Auckland, in B. M.
Type (*antipodaria*). N. Zealand, in coll. Rothschild.
Types (*desiccata* and *arenacia*). Otago, in B. M.
a. South Island, N. Zealand (2).

Genus **GELONIA.** Meyrick: Trans. N. Z. Inst., 1884, p. 65.

2536. Gelonia dejectaria.

Boarmia dejectaria. Walker: xxi. 394 (1860).
———— Meyrick: (part) Trans. N. Z. Inst., 1883, p. 100.
Gelonia dejectaria. Meyrick: l. c., 1884, p. 65.
Boarmia attracta. Walker: xxi. 394.
Boarmia exprompta. Walker: xxi. 395.
Tephrosia patularia. Walker: xxi. 422.
Scotosia erebinata. Walker: xxv. 1358 (1862).
Scotosia lignosata. Walker: xxv. 1361.
Gnophos pannularia. Guen.: Ent. Mo. Mag., v. p. 42 (1868).
Scotopteryx maoriata. Felder: Reise Nov. Lep., pl. 126, f. 4 (1874).
Hemerophila sulpitiata. Felder: l. c., f. 7.

Hemerophila caprimulgata. Felder: l. c., f. 12.

Type. New Zealand, in B. M.

Types (*maoriata*, *sulpitiata*, and *caprimulgata*). New Zealand, in coll. Rothschild.

The types of all the remaining species by Walker are in the B. M. from New Zealand.

a. South Island, New Zealand. b. North Island, New Zealand.

Mr. Meyrick adds other synonyms with which I cannot agree.

Genus **BYLAZORA.** Walker: xxvi. 1549 (1862).

2537. Bylazora pilicostata.

Scotosia pilicostata. Walker: xxv. 1355 (1862).
Bylazora pilicostata. C. and S.: Cat. Moths of India, iv. 505. 3364 (1888).
——— Hmn.: Ill. Typ. Lep. Het., B. M., viii. 27. 759, pl. 149, f. 2, 3, 8, 9 (1891).
——— Faun. Brit. Ind. Moths, iii. p. 254 (1895).
Bylazora licheniferata. Walker: xxvi. 1550 (1862).
——— Cotes and Swinh.: l. c., 504. 3363.

Type. South India, in B. M.

Type (*licheniferata*). South India, in B. M.

a. Nilgiri Hills (4).

Genus **OPHTHALMODES.** Guen.: Phal., i. p. 283 (1857).

2538. Ophthalmodes herbidaria.

Ophthalmodes herbidaria. Guen.: l. c.
——— Walker: xxi. 446 (1860).
——— Moore: Lep. Ceylon, iii. p. 417, pl. 191, f. 4 ♀ (1887).
——— C. and S.: Cat. Moths of India, iv. 505. 3367 (1888).
——— Hmn.: Ill. Typ. Lep. Het., B. M., ix. 35. 919 (1893).
——— Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 215.
——— Hmn.: (part) Faun. Brit. Ind. Moths, iii. p. 255 (1895).
——— Leech: Ann. Mag. N. H. (6), xix. p. 334 (1897).
Ophthalmodes diurnaria. Guen.: l. c., 284. 454.
——— Walker: xxi. 447 (1860).
——— Moore: P. Z. S., Lond., 1867, p. 635.
——— Cotes and Swinh.: l. c., 3366.
Boarmia pertusaria. Felder: Reise Nov. Lep., pl. 125, f. 17 (1874).

Type (*pertusaria*). Sikkim, in coll. Rothschild.

a. Sikkim. b. India (3). c. Upper India (Drinkwater).

2539. Ophthalmodes exemptaria.

Ophthalmodes exemptaria. Walker: xxi. 447 (1860).
Ophthalmodes clararia. Walker: xxxv. 1594 ♀ (1866).

Ophthalmodes suppressaria. Walker: xxxv. 1595.

Type (*clararia*). Java, in B. M.

a. Sarawak, Borneo (type) (Wallace). b. Singapore (type *suppressaria*) (Wallace).

2540. Ophthalmodes senex.

Boarmia senex. Butler: Ann. Mag. N. H. (5), i. p. 396 (1878).
——— Ill. Typ. Lep. Het., B. M., iii. p. 34, pl. 49, f. 3 (1879).
Diastictis senex. Meyrick: Trans. Ent. Soc., Lond., 1892, p. 103.
Ophthalmodes senex. Leech: Ann. Mag. N. H. (6), xix. p. 335 (1897).
Boarmia hedemanni. Christoph.: Bull. Mosc., lv. (2), p. 79 (1880).

Type. Japan, in B. M.

a. Japan.

2541. Ophthalmodes pupillata. Pl. v. f. 2.

Boarmia pupillata. Walker: xxi. 491 (1860).

a. Sarawak, Borneo (type) (Wallace)

The type specimen is a female, not male as stated by Walker.

Genus **ECTROPIS.** Hübn.: Verz., p. 299 (1816).
Racotis. Moore: Lep. Ceylon, iii. p. 418 (1887).
Myrioblephara. Warren: P. Z. S., Lond., 1893, p. 428.
Ruttellerona. Swinh.: Trans. Ent. Soc., Lond., 1894, p. 220.
Diplurodes. Warren: Nov. Zool., iii. p. 132 (1896).
Enantiodes. Warren: l. c., p. 133.

2542. Ectropis bhurmitra.

Boarmia bhurmitra. Walker: xxi. 381 ♀ (1860).
——— Moore: l. c., p. 412, pl. 191, f. 2 ♀.
——— C. and S.: Cat. Moths of India, iv. 498. 3311 (1888).
——— Hmn.: Faun. Brit. Ind. Moths, iii. p. 260 (1895).
Darisa bhurmitra. Hmn.: Ill. Typ. Lep. Het., B. M., viii. 27. 753 (1891).
Ectropis bhurmitra. Hampson: l. c., ix. 36. 933 (1893).
Boarmia diffusaria. Walker: xxi. 382 ♂.
——— Moore: l. c., pl. 187, f. 11 ♂; pl. 188, f. 2 ♀.
——— Cotes and Swinh.: l. c., 499. 3320.
——— Hampson: l. c., viii. 27. 754.
Boarmia susceptaria. Walker: xxxv. 1584 ♀ (1866).

Type. Ceylon, in B. M.

Type (*diffusaria*). Punjab, in B. M.

Type (*susceptaria*). Java, in B. M.

a. Ceylon (Thwaites).

2543. Ectropis dentilineata.

Tephrosia dentilineata. Moore: P. Z. S., Lond., 1867, p. 631.
——— C. and S.: Cat. Moths of India, iv. 504. 3359 (1888).
Ectropis dentilineata. Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 221.

Boarmia crepuscularia. Hmn.: (part) Faun. Brit. Ind. Moths, iii. p. 260 (1895).

Type. Bengal, in B. M.

a. India. b. Khasia Hills.

Hampson puts these together, though he admits that the Indian species differs even in venation from the European.

2544. Ectropis cessaria.

Boarmia cessaria. Walker: xxi. 383 ♂ (1860).
——— Hampson: Faun. Brit. Ind. Moths, iii. p. 261 (1895).
Angerona cessaria. Moore: Lep. Ceylon, iii. p. 390, pl. 185, f. 7, 7 *a* (1886).
——— C. and S.: Cat. Moths of India, iv. 479. 3156 (1888).
Racotis cessaria. Hmn.: Ill. Typ. Lep. Het., B. M., ix. 36. 935 (1893).
Ruttellerona cessaria. Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 220.
Angerona præclararia. Walker: xxvi. 1499 ♀ (1862).
Angerona pallicostaria. Moore: P. Z. S., Lond., 1867, p. 620.
——— Cotes and Swinh.: l. c., 3158.

Type (*præclararia* ♀). Kanara, in B. M.

Type (*pallicostaria*). Bengal, in coll. Russell.

a. Ceylon (type ♂). b. Bombay ♀. c. India. d. Khasia Hills (2).

2545. Ectropis boarmiaria.

Hypochroma boarmiaria. Guen.: Phal., i. 282. 451 (1857).
——— Walker: xxi. 436 (1860).
——— Moore: P. Z. S., Lond., 1867, p. 632.
Racotis boarmiaria. Moore: Lep. Ceylon, iii. p. 418, pl. 192, f. 3, 3 *a*, *b*. (1887).
——— C. and S.: Cat. Moths of India, iv. 505. 3370 (1888).
——— Hmn.: Ill. Typ. Lep. Het., B. M., viii. 27. 760 (1891); ix. 36. 934 (1893).
——— Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 217.
Boarmia boarmiaria. Hmn.: Faun. Brit. Ind. Moths, iii. p. 261 (1895).
——— Leech: Ann. Mag. N. H. (6), xix. p. 345 (1897).
Boarmia inconclusa. Walker: xxi. 382.
Racotis obliterata. Warren: Nov. Zool., i. p. 432 (1894).
Racotis plenifasciata. Warren: l. c.
Racotis sinuosa. Warren: l. c., p. 433.
Racotis sordida (*ab*). Warren: l. c., iii. p. 137 (1896).

Type (*inconclusa*). Silhet, in B. M.

Types (*obliterata*, *plenifasciata*, and *sordida*). Khasia Hills, in coll. Rothschild.

Type (*sinuosa*). N. India, in coll. Rothschild.

a. India (2). b. Ceylon (2). c. Khasia Hills (2).

2546. Ectropis fractaria.

Tephrosia fractaria. Guen.: Phal., i. 270. 424 (1857).
——— Walker: xxi. 417 (1860).
——— Rosenstock: Ann. Mag. N. H. (5), xvi. p. 429 (1885).
——— Meyrick: Proc. Linn. Soc., N. S. W., 1891, p. 629.
Hypochroma dissentanea. Walker: xxi. 442.

Hypochroma dissonata. Walker: xxi. 443.
Boarmia nigraria. Felder: Reise Nov. Lep., pl. 126, f. 1 (1874).

Type (*dissentanea*). Tasmania, in B. M.
Type (*dissonata*). Australia, in B. M.
Type (*nigraria*). Sydney, in coll. Rothschild.
a. New South Wales. b. Van Diemen's Land (9).

2547. Ectropis subrugata. Pl. v. f. 12.

Tephrosia subrugata. Walker: xxvi. 1541 (1862).

a. Sarawak, Borneo (type) (Wallace).

2548. Ectropis decursaria. Pl. v. f. 21.

Tephrina decursaria. Walker: xxvi. 1659 (1862).

a. Sarawak, Borneo (type) (Wallace).

2549. Ectropis semiparata.

Acidalia semiparata. Walker: xxiii. 764 (1861).
Acidalia illepidaria. Walker: xxiii. 765.
Diplurodes indentata. Warren: Nov. Zool., iv. p. 193 (1897).

Type (*indentata*). Penungah, N. E. Borneo, in coll. Rothschild.
a. Sarawak, Borneo (type) (Wallace). b. Sarawak (type *illepidaria*) (Wallace).

Genus **PSILALCIS.** Warren: P. Z. S., Lond., 1893, p. 430.

2550. Psilalcis breta.

Narapa breta. Swinhoe: P. Z. S., Lond., 1889, p. 426.
———— Hampson: Ill. Typ. Lep. Het., B. M., viii. 27. 750 (1891).
Psilalcis breta. Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 222.
Psilalcis inceptaria. Hampson (nec Walker): l. c., ix. p. 36 (1893).
———— (part) Faun. Brit. Ind. Moths, iii. p. 262 (1895).

Type. Nilgiri Hills, in B. M.
a. Nilgiri Hills (2).

2551. Psilalcis inceptaria.

Tephrosia inceptaria. Walker: xxxv. 1590 (1866).
Psilalcis inceptaria. Warren: P. Z. S., Lond., 1893, p. 430.
Boarmia inceptaria. Hampson: (part) Faun. Brit. Ind. Moths, iii. p. 262 (1895).

a. Flores (type ♀) (Wallace).

The type specimen is a female, and is much rubbed above, Warren put it with *P. breta*; and though he says *inceptaria* is the type of his genus *Psilalcis*, he describes the male: but no male of this species from Flores or from any of the Islands is known, and he has really taken *breta* ♂ as the type of his genus: in my opinion the two species are not the same, the wings of *inceptaria* are too much rubbed for use in comparison, but Walker's description of it does not correspond with *breta*, and *inceptaria* has no signs of the prominent black bands on the fore-tibiæ always present in all the specimens of the long series of *breta* in my collection.

GENUS **PARALCIS**. Warren: Nov. Zool., i. p. 435 (1894).

2552. Paralcis pallidaria.

Menophra pallidaria. Moore: Descr. Ind. Lep. Atk., p. 237 (1888).
———— C. and S.: Cat. Moths of India, iv. 494. 3273 (1888).
Ectropis pallidaria. Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 221.
Boarmia pallidaria. Hmn.: Faun. Brit. Ind. Moths, iii. p. 262 (1895).
Pseudocoremia dendrellaria. Swinhoe: Ann. Mag. N. H. (6), xii. p. 156 (1893).

Type. Darjiling, in coll. Staudinger.
Type (*dendrellaria*). Khasia Hills, in B. M.
a. Khasia Hills.

GENUS **ECTROPIDIA**. Warren: Nov. Zool., ii. p. 126 (1895).

2553. Ectropidia exprimata. Pl. v. f. 11.

Acidalia exprimata. Walker: xxiii. 764 (1861).
Ectropidia exprimata. Warren: l. c.

a. Sarawak, Borneo (type) (Wallace).
The type specimen is a female, not male as stated by Walker.

GENUS **ASCOTIS**. Hübn.: Verz., p. 313 (1816).
Burichura. Moore: Descr. Ind. Lep. Atk., p. 245 (1888).

2554. Ascotis selenaria.

Geometra selenaria. Schiff.: Wien. Verz., 101. 7 (1776).
———— Hübn.: Geom., pl. 31, f. 163 (1815).
Ascotis selenaria. Hübn.: Verz., 313. 3029.
———— Meyrick: Trans. Ent. Soc., Lond., 1892, p. 106.
———— Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 221.
Boarmia selenaria. Treit.: Schm. Eur., vi. (i.), p. 194 (1827).
———— Frey.: Beitr., i. pl. 71, f. 2 (1833).
———— Dup.: Lep. Fr. Suppl., iv. p. 362, pl. 160, f. 1 (1842).
———— Eversm.: Faun. Volg.-Ural, p. 379 (1844).
———— Herr. Schäff.: Schm. Eur., iii. p. 80, pl. 61, f. 374–76 (1847).
———— Guen.: Phal., i. 254. 389 (1857).
———— Walker: xxi. 340 (1860).
———— Staud. and W.: Cat., No. 2372 (1871).
———— Alph.: Rom. Mem., vi. p. 60 (1892).
———— Hampson: Faun. Brit. Ind. Moths, iii. p. 264 (1895).
———— Leech: Ann. Mag. N. H. (6), xix. p. 346 (1897).
Geometra dianaria. var. Hübn.: Geom., f. 483.
Driocetis dianaria. Hübn.: Verz., p. 316.
Boarmia dianaria. Guen.: Phal., i. p. 254.
Boarmia reciprocaria. Walker: xxi. 366.
Boarmia imparata. Walker: xxi. 372.
———— Moore: P. Z. S., Lond., 1867, p. 630.
Burichura imparata. Moore: Descr. Ind. Lep. Atk., p. 245.
———— C. and S.: Cat. Moths of India, iv. 502. 3344 (1888).

Boarmia promptaria. Walker : xxi. 379.
———— Cotes and Swinh. : l. c., 501. 3333.
Ophthalmodes cretacea. Butler : Ann. Mag. N. H. (5), iv. p. 373 (1879).

Type (*reciprocaria*). Congo, in B. M.
Type (*imparata*). Nepal, in B. M.
Type (*promptaria*). India, in B. M.
Type (*cretacea*). Japan, in B. M.
a. N. China. b. Darjiling. c. Indore (5) (Hearsay)
d. Khasia Hills (2).

This common European species seems to be very widely distributed, the African and Japanese types are larger than usual, but not larger than a European female in the Zeller Collection in the B. M.

Genus **BOARMIA.** Treit. : Schm. Eur., v. ii. p. 433 (1825).
Alcis. Curt. : Brit. Ent., pl. 113 (1829).
Chogada. Moore : Lep. Ceylon, iii. p. 415 (1887).
Narapa. Moore : l. c., p. 410.
Catoria. Moore : l. c., p. 414.
Serraca. Moore : l. c., p. 416.
Calicha. Moore : Descr. Ind. Lep. Atk., p. 236 (1888).
Astacuda. Moore : l. c., p. 243.
Pœcilalcis. Warren : P. Z. S., Lond., 1893, p. 430.

2555. Boarmia alienaria.

Boarmia alienaria. Walker : xxi. 370 ♂ (1860).
———— Moore : P. Z. S., Lond., 1867, p. 630.
———— Swinhoe : Trans. Ent. Soc., Lond., 1894, p. 216.
Chogada alienaria. Moore : Lep. Ceylon, iii. p. 415, pl. 191, f. 1 *a*, *b*.
———— C. and S. : Cat. Moths of India, iv. 503. 3349 (1888).
———— Hampson : Ill. Typ. Lep. Het., B. M., viii. 27. 756 (1891) ; ix. 36. 930 (1893).
Boarmia gelidaria. Walker : xxvi. 1537 ♀ (1862).
———— Swinhoe : P. Z. S., Lond., 1885, p. 853.
Boarmia illustraria. Walker : xxvi. 1539.
Chogada fraterna. Moore : Descr. Ind. Lep. Atk., p. 245.
———— Cotes and Swinh. : l. c., 3350.
Boarmia acaciaria. Hmn. : (part) Faun. Brit. Ind. Moths, iii. p. 264 (1895).

Type (*gelidaria*). India, in B. M.
Type (*illustraria*). Moreton Bay, in B. M.
Type (*fraterna*). Darjiling, in coll. Staudinger.
a. Silhet (type). b. Darjiling. c. India (2). d. Silhet.
e. Andaman Islands. f. Khasia Hills.

The type *alienaria* is in this Museum from Silhet, and not in the British Museum from Ceylon, as has been supposed ; in every instance in Walker's Catalogue when the type is in coll. Saunders and the species is also represented in the B. M., the locality of the type is given without a letter, and is then followed by the localities with

letters showing from whence the species is also represented in the B. M.; when it is not represented in the B. M., the locality is followed by the words 'in coll. Saunders,' but not otherwise.

2556. Boarmia determinata.

Boarmia determinata. Walker: xxi. 384 (1860).

Type. Sarawak, in B. M.

a. Sarawak, Borneo (Wallace). b. Singapore.

2557. Boarmia displicata.

Boarmia displicata. Walker: xxi. 389 (1860).
Boarmia immemorata. Walker: xxvi. 1540 (1862).

Type. Moreton Bay, in B. M.
Type (*immemorata*). New Caledonia, in B. M.
a. Australia.

2558. Boarmia compactaria.

Boarmia compactaria. Walker: xxvi. 1538 (1862).

Type. Penang, in B. M.
a. Singapore.

2559. Boarmia cornaria.

Boarmia cornaria. Guen.: Phal., i. 254. 390 (1857).
——————— Walker: xxi. 378 (1860).
——————— Snellen: Tijd. voor Ent., xxiv. p. 72 (1881).
——————— Swinhoe: P. Z. S., Lond., 1885, p. 854; 1886, p. 454.
——————— C. and S.: Cat. Moths of India, iv. 499. 3318 (1888).
Chogada cornaria. Hmn.: Ill. Typ. Lep. Het., B. M., ix. 36. 929 (1893).
Boarmia repulsaria. Walker: xxi. 374 ♂.
Boarmia invectaria. Walker: xxi. 375 ♂.
——————— Cotes and Swinh.: l. c., 500. 3326.
Boarmia properata. Walker: xxi. 376 ♂.
——————— Cotes and Swinh.: l. c., 501. 3334.
Boarmia injectaria. Walker: xxi. 376 ♀.
Chogada injectaria. Moore: Lep. Ceylon, iii. p. 416 (1887).
——————— Cotes and Swinh.: l. c., 503. 3351.
Boarmia sublectaria. Walker: xxvi. 1535 ♂ (1862).

Type (*repulsaria*). Hong Kong, in B. M.
Type (*invectaria*). Punjab, in B. M.
Type (*properata*). N. India, in B. M.
Types (*injectaria* and *sublectaria*). Ceylon, in B. M.
a. Bombay (2). b. Ahmedabad (Swinhoe). c. India (3) (Hearsay).

2560. Boarmia epistictis.

Boarmia epistictis. Meyrick: Trans. Ent. Soc., Lond., 1889, p. 499.
Selidosema epistictis. Meyrick: Proc. Linn. Soc., N. S. W., 1891, p. 619.
Chogada epistictis. Warren: Nov. Zool., iii. p. 298 (1896).
Chogada fasciata (*ab*). Warren: l. c., p. 299.
Chogada semialba (*ab*). Warren: l. c.

Chogada rufigrisea (*ab*). Warren: l. c.
Chogada suffusa (*ab*). Warren: l. c.
Chogada albibasis (*ab*). Warren: l. c., p. 403.

Type. N. Guinea, in coll. Meyrick.

Types (*fasciata*, *rufigrisea*, and *suffusa*). Trobriand Island, in coll. Rothschild.

Ty es (*semialba*) Ferguson Island, (*albibasis*) N. Guinea, in coll. Rothschild.

a. Singapore ♂ ♀. b. N. E. Australia. c. Port Essington.

2561. Boarmia concursaria.

Boarmia concursaria. Walker: xxi. 377 (1860).
———— C. and S.: Cat. Moths of India, iv. 499. 3515 (1888).
Boarmia contectaria. Walker: xxvi. 1537 (1862).
———— Swinhoe: P. Z. S., Lond., 1885, p. 854.
———— Cotes and Swinh.: l. c., 3316.

Type. N. India, in B. M.

Type (*contectaria*). Kanara, in B. M.

a. Central India (3) (Hearsay).

2562. Boarmia propulsaria.

Boarmia propulsaria. Walker: xxi. 385 (1860).
———— Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 216.
———— Hampson: Faun. Brit. Ind. Moths, iii. p. 265 (1895).
Boarmia contiguata. Moore: P. Z. S., Lond., 1867, p. 631.
———— C. and S.: Cat. Moths of India, iv. 499. 3317 (1888).

Type. Sarawak, in B. M.

Type (*contiguata*). Bengal, in B. M.

a. Sarawak, Borneo (Wallace). b. Darjiling. c. India d. Khasia Hills (2).

It is impossible to separate these two species: I have an example in my own Museum from Singapore which is identical with Moore's type.

2563. Boarmia decisaria.

Boarmia decisaria. Walker: xxxv. 1589 (1866).
Boarmia lichenina. Butler: Ann. Mag. N. H. (4), xx. p. 358 (1877).
Boarmia callicrossa. Meyrick: Trans. Ent. Soc., Lond., 1889, p. 498.
Chogada callicrossa. Warren: Nov. Zool., v. p. 430 (1898).
Chogada suffusa (*ab*). Warren: l. c.
Chogada particolor (*ab*). Warren: l. c.
Chogada colorata (*ab*). Warren: l. c.
Chogada simplex (*ab*). Warren: l. c.

Type (*lichenina*). Lifu, in B. M.

Type (*callicrossa*). Port Moresby, in coll. Meyrick.

Types (*suffusa*, *particolor*, *colorata*, and *simplex*). Ke Islands, in coll. Rothschild.

a. Ceram (type) (Wallace).

2564. Boarmia nigridorsaria.

Cleora nigridorsaria. Guen.: Phal., i. 232. 348 (1857).
———— Walker: xxi. 333 (1860).

Pœcilalcis nigridorsaria. Warren: P. Z. S., Lond., 1893, p. 427.
Boarmia nigridorsaria. Hmn.: (part) Faun. Brit. Ind. Moths, iii. p. 269 (1895).
Cleora venustularia. Walker: xxxv. 1579 (1866).
——————— Moore: P. Z. S., Lond., 1867, p. 628.
——————— C. and S.: Cat. Moths of India, iv. 497. 3304 (1888).

Type (*venustularia*). India, in B. M.
a. India.

2565. Boarmia decussata.

Cleora decussata. Moore: P. Z. S., Lond., 1867, p. 628, pl. 33, f. 4.
——————— C. and S.: Cat. Moths of India, iv. 496. 3294 (1888).

Type. Darjiling, in B. M.
a. India.

2566. Boarmia semiclarata.

Selidosema (?) *semiclarata.* Walker: xxiv. 1029 (1862).
Cleora semiclarata. Moore: P. Z. S., Lond., 1867, p. 629.
——————— C. and S.: Cat. Moths of India, iv. 497. 3303 (1888).
Boarmia semiclarata. Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 216.
——————— Hmn.: (part) Faun. Brit. Ind. Moths, iii. p. 267 (1895).
Pœcilalcis semiclarata ab fasciata. Warren: Nov. Zool., iii. p. 405 (1896).

Type. Bhutan, in B. M.
Type (*fasciata*). Darjiling, in coll. Rothschild.
a. Khasia Hills (2). b. India.

2567. Boarmia quadrifera.

Scotosia quadrifera. Walker: xxxv. 1687 (1866).

Type. N. India, in B. M.
a. India.

2568. Boarmia atrostipata.

Scotosia atrostipata. Walker: xxv. 1354 (1862).
Hemerophila atrostipata. Moore: P. Z. S., Lond., 1867, p. 627.
——————— C. and S: Cat. Moths of India, iv. 494. 3276 (1888).
Boarmia atrostipata. Hampson: Faun. Brit. Ind. Moths, iii. p. 268 (1895).

Type. N. India, in B. M.
a. India (2).

2569. Boarmia admissaria.

Boarmia admissaria. Guen.: Phal., i. 239. 357 (1857).
——————— Walker: xxi. 639 (1860).
——————— C. and S.: Cat. Moths of India, iv. 498. 3309 (1888).
——————— Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 216.
——————— Hmn.: (part) Faun. Brit. Ind. Moths, iii. p. 269 (1895).
Boarmia pleniferata. Walker: xxvi. 1538 (1862).
——————— Cotes and Swinh.: l. c., 500. 3330.

Type (*pleniferata*). Bhutan, in B. M.
a. Khasia Hills 2 ♂ 1 ♀.

2570. Boarmia perspicuata.

Boarmia perspicuata. Moore: P. Z. S., Lond., 1867, p. 630.
———— C. and S.: Cat. Moths of India, iv. 500. 3329 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 216.
Alcis vicina. Moore: Descr. Ind. Lep. Atk., p. 243 (1888).
———— Cotes and Swinh.: l. c., 502. 3343.

Type. Bengal, in coll. Russell.
Type (*vicina*). Darjiling, in coll. Staudinger.
a. India. b. Khasia Hills.

2571. Boarmia reparata.

Boarmia reparata. Walker: xxi. 380 (1860).
———— Moore: P. Z. S., Lond., 1867, p. 630.
———— C. and S.: Cat. Moths of India, iv. 501. 3336 (1888).
———— Hampson: Faun. Brit. Ind. Moths, iii. p. 269 (1895).
Pseudangerona reparata. Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 218.

Type. Silhet, in B. M.
a. Silhet.

2572. Boarmia sublavaria.

Boarmia sublavaria. Guen.: Phal., i. 256. 393 (1857).
———— Walker: xxi. 378 (1860).
———— Moore: P. Z. S., Lond., 1867, p. 630.
———— Hmn.: Faun. Brit. Ind. Moths, iii. p. 270 (1895).
Catoria sublavaria. Moore: Lep. Ceylon, iii. p. 414, pl. 190, f. 2, 2 *a* (1887).
———— C. and S.: Cat. Moths of India, iv. 502. 3348 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 207; 1894, p. 218.
———— Hmn.: Ill. Typ. Lep. Het., B. M., ix. 36. 936 (1893).
Catoria olivescens. Moore: Descr. Ind. Lep. Atk., p. 244 (1888).
———— Cotes and Swinh.: l. c., 3346.

Type (*olivescens*). Ceylon, in B. M.
a. Silhet (2). b. Darjiling (2). c. Khasia Hills. d. Ceylon (Thwaites). e. Singapore (Horsley).

2573. Boarmia infaustaria.

Boarmia infaustaria. Walker: xxxv. 1587 (1866).
Boarmia dentata. Walker: xxxv. 1588.
Boarmia lutea. Pag.: Jahrb. Nass. Ver., 1884, p. 252, pl. 7, f. 4.

a. Ceram (type) (Wallace). b. Morty (type *dentata*) (Wallace).

2574. Boarmia costaria.

Boarmia costaria. Guen.: Phal., i. p. 242 (1857).
———— Walker: xxi. 383 (1860).

a. Sarawak, Borneo (Wallace).

2575. Boarmia detractaria.

Boarmia detractaria. Walker: xxi. 385 (1860).

Type. Sarawak, in B. M.
a. Sarawak, Borneo (2) (Wallace).

Walker used this specific name before for *Boarmia* (xxi. 357), and

therefore this name should fall, but as the two insects he called *Boarmia detractaria* belong really to two perfectly distinct genera, there is no necessity for renaming this insect.

2576. Boarmia cineracea.

Astacuda cineracea. Moore: Descr. Ind. Lep. Atk., p. 244 (1888).
———— C. and S.: Cat. Moths of India, iv. 503. 3355 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 220.
Boarmia cineracea. Hampson: Faun. Brit. Ind. Moths, iii. p. 270 (1895).
Astacuda ampla. Moore: l. c.
———— Cotes and Swinh.: l. c., 3354.

Type. Darjiling, in coll. Staudinger.
Type (*ampla*). Bengal, in coll. Staudinger.
a. Indore (Hearsay).

2577. Boarmia trispinaria.

Boarmia trispinaria. Walker: xxi. 378 (1860).
———— Moore: P. Z. S., Lond., 1867, p. 630.
———— Journ. Linn. Soc., Lond., xxi. p. 57 (1886).
———— C. and S.: Cat. Moths of India, iv. 501. 3339 (1888).
———— Hampson: Faun. Brit. Ind. Moths, iii. p. 270 (1895).
Catoria trispinaria. Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 206.

Type. India, in B. M.
a. Silhet.

2578. Boarmia delectaria.

Ophthalmodes delectaria. Walker: xxxv. 1595 (1866).
Ophthalmodes parva. Butler: Ann. Mag. N. H. (5), xx. p. 242 (1887).

Type (*parva*). Solomon Islands, in B. M.
a. Aru (type) (Wallace).

2579. Boarmia leucophæa.

Boarmia leucophæa. Butler: Ann. Mag. N. H. (5), i. p. 395 (1878).
———— Ill. Typ. Lep. Het., B. M., iii. p. 33, pl. 48, f. 12 (1879).
———— Leech: Ann. Mag. N. H. (6), xix. p. 414 (1897).
Boarmia elegans. Oberth.: Etud. d'Ent., x. p. 31, pl. 1, f. 4 (1884).

Type. Yokohama, in B. M.
a. Nikko, Japan ♂ ♀.

2580. Boarmia granitaria.

Gnophos granitaria. Moore: Descr. Ind. Lep. Atk., p. 246 (1888).
———— C. and S.: Cat. Moths of India, iv. 510. 3408 (1888).
Boarmia granitaria. Hampson: Faun. Brit. Ind. Moths, iii. p. 274 (1895).
Alcis sublimis. Butler: Ill. Typ. Lep. Het., B. M., vii. p. 103, pl. 135, f. 19 (1889).

Type. Sind Valley, Kashmir, in coll. Staudinger.
Type (*sublimis*). Dharmsala, in B. M.
a. India (2) (Hutton).

2581. Boarmia suasaria.

Boarmia suasaria. Guen. Phal. i. 243. 363 (1857).

Boarmia suasaria. Walker: xxi. 370 (1860).
Selidosema suasaria. Meyrick: Proc. Linn. Soc., N. S. W., 1891, p. 601.
Boarmia proposita. Walker: xxi. 390 ♂.
Tephrosia gratularia. Walker: xxi. 415 ♀.
Tephrosia propinquaria. Walker: xxi. 415 ♀.
Scotosia mollisata. Walker: xxv. 1365 ♀ (1862).

Types (*proposita* and *propinquaria*). Australia, in B. M.
Type (*gratularia*). Moreton Bay, in B. M.
Type (*mollisata*). Without locality, in B. M.
a. Australia.

Guenee described this insect as doubtfully from India, and thus it got into Cotes and Swinhoe's Cat. of Indian Moths, No. 3337, but it is a common Australian insect and not Indian.

2582. Boarmia externaria.

Tephrosia externaria. Walker: xxxv. 1591 (1866).
Selidosema externaria. Meyrick: Proc. Linn. Soc., N. S. W., 1891, p. 602.

Type. Moreton Bay, in B. M.
a. Queensland.

2583. Boarmia exsuperata.

Boarmia exsuperata. Walker: xxi. 393 (1860).
Ectropis exsuperata. Meyrick: Proc. Linn. Soc., N. S. W., 1891, p. 628.
Tephrosia disposita. Walker: xxi. 421.

Type. Australia, in B. M.
Type (*disposita*). Sydney, in B. M.
a. New South Wales (3). b. Australia.

Genus **PSEUDOCOREMIA.** Butler: P. Z. S., Lond., 1877, p. 394.

2584. Pseudocoremia productata.

Larentia productata. Walker: xxiv. 1197 (1862).
Zylobara productata. Meyrick: Trans. N. Zeal. Inst., 1883, p. 98.
Boarmia productata. Meyrick: l. c., 1887, p. 61.
Selidosema (?) *fragosata.* Felder: Reise Nov. Lep., pl. 131, f. 29 (1874).
Pseudocoremia fragosata. Butler: l. c.
Pseudocoremia indistincta. Butler: l. c., pl. 43, f. 8.
Pseudocoremia confusa. Butler: Cist. Ent., ii. p. 496 (1879).

Type. Auckland, in B. M.
Type (*fragosata*). New Zealand, in coll. Rothschild.
Types (*indistincta* and *confusa*). New Zealand, in B. M.
a. South Island, New Zealand.

2585. Pseudocoremia suavis.

Pseudocoremia suavis. Butler: Cist. Ent., ii. p. 497 (1879).
Boarmia suavis. Meyrick: Trans. N. Zeal. Inst., 1890, p. 101.
Pachycnemia usitata. Butler: l. c., p. 501.
Pseudocoremia lupinata. Meyrick: (part) l. c., 1883, p. 98.

Boarmia lupinata. Meyrick : l. c., 1887, p. 61.

Type ♀. Canterbury, N. Zealand, in B. M.

Type ♂ (*usitata*). Otago, N. Zealand, in B. M.

a. South Island, New Zealand ♂ ♀.

2586. Pseudocoremia lupinata.

Cidaria lupinata. Felder : Reise Nov. Lep., pl. 131, f. 19 (1874).
Pseudocoremia lupinata. Butler : Cist. Ent., ii. p. 496 (1879).
Boarmia lupinata. Meyrick : Trans. N. Zeal. Inst., 1887, p. 61.
——————— l. c., 1890, p. 101 (nec 1883, p. 98).

Type. New Zealand, in coll. Rothschild.

a. South Island, New Zealand.

2587. Pseudocoremia melinata.

Numeria melinata. Felder : Reise Nov. Lep., pl. 129, f. 9 (1874).
Pseudocoremia melinata. Meyrick : (part) Trans. New Zeal. Inst., 1883, p. 99.
Boarmia melinata. Meyrick : l. c., 1887, p. 61.
Selidosema (?) *pungata.* Felder : l. c., pl. 131, fig. 23.

Type. New Zealand, in coll. Rothschild.

Type (*pungata*). New Zealand, in coll. Rothschild.

a. South Island, New Zealand (3).

GENUS **ISANDRIA.** Warren : Nov. Zool., iv. p. 469 (1897).

2588. Isandria cognata.

Boarmia cognata. Walker : xxi. 392 (1860).
——————— Rosenstk. : Ann. Mag. N. H. (5), xvi. p. 429 (1885).
Phelotis cognata. Meyrick : Trans. Ent. Soc., Lond., 1889, p. 500.
Acidalia tephrinaria. Walker : xxvi. 1613 (1862).

Type. Tasmania, in B. M.

Type (*tephrinaria*). Australia, in B. M.

a. Van Diemen's Land (2). b. Adelaide. c. New Holland.

In this genus the female has pectinated antennæ, the pectinations about half as long as those in the male.

GENUS **HEMEROPHILA.** Steph. : Ill. Brit. Ent. Haust., iii. p. 189 (1829).

Ephemerophila. Warren : Nov. Zool., i. p. 434 (1894).

2589. Hemerophila delineata.

Boarmia delineata. Walker : xxi. 387 ♀ (1860).
——————— Hmn. : (part) Faun. Brit. Ind. Moths, iii. p. 276 (1895).
Hemerophila delineata. Swinhoe : Trans. Ent. Soc., Lond., 1894, p. 219.
Hemerophila canidorsata. Walker : xxxv. 1578 (1866).
Menophra canidorsata. Moore : Lep. Ceylon, iii. p. 410, pl. 187, f. 6 (1887).
——————— C. and S. : Cat. Moths of India, iv. 494. 3269 (1888).
——————— Hmn. : Ill. Typ. Lep. Het., B. M., viii. 27. 745 (1891).
Menophra nigrifasciata. Hampson : l. c., p. 105, pl. 150, f. 1.
Hemerophila subpilosa. Warren : Nov. Zool., i. p. 434 (1894).

Type (*canidorsata*). Ceylon, in B. M.
Type (*nigrifasciata*). Nilgiri Hills, in B. M.
Type (*subpilosa*). Khasia Hills, in coll. Rothschild.
a. Sarawak, Borneo (type) (Wallace). b. India (2). c. Khasia Hills.

2590. Hemerophila subplagiata.

Hemerophila subplagiata. Walker : xxi. 319 (1860).
——————— C. and S. : Cat. Moths of India, iv. 495. 3284 (1888).
Menophra subplagiata. Warren : P. Z. S., Lond., 1888, p. 320.
Boarmia subplagiata. Hampson : Faun. Brit. Ind. Moths, iii. p. 275 (1895).
Hemerophila retractaria. Moore : P. Z. S., Lond., 1867, p. 627, pl. 32, f. 7.
——————— Cotes and Swinh. : l. c., 3283.
——————— Swinhoe : Trans. Ent. Soc., Lond., 1894, p. 219.
Menophra torridaria. Moore : Descr. Ind. Lep. Atk., p. 237, pl. 8, f. 27 (1888).
——————— Cotes and Swinh. : l. c., 494. 3274.
Hemerophila lignata. Warren : Nov. Zool., i. p. 680 (1894).

Type. Himalayas, in B. M.
Types (*retractaria* and *torridaria*). Darjiling, in coll. Staudinger.
Type (*lignata*). Khasia Hills, in coll. Rothschild.
a. Khasia Hills.

2591. Hemerophila humeraria.

Hemerophila humeraria. Moore : P. Z. S., Lond., 1867, p. 627.
——————— C. and S. : Cat. Moths of India, iv. 495. 3279 (1888).
——————— Swinhoe : Trans. Ent. Soc., Lond., 1894, p. 219.
Boarmia humeraria. Hmn. : Faun. Brit. Ind. Moths, iii. p. 276 (1895).
Ephemerophila humeraria. Warren : Nov. Zool., i. p. 434 (1894).

Type. Bengal, in coll. Russell.
a. India. b. Khasia Hills (2).

2592. Hemerophila emaria.

Hemerophila emaria. Bremer : Lep. Ost. Sib., p. 74, pl. 6, f. 18 (1864).
——————— Staud. and W. : Cat., No. 2340 (1871).
Synopsia emaria. Meyrick : Trans. Ent. Soc., Lond., 1892, p. 108.
Hemerophila lederi. Christ. : Rom. Mem., v. p. 48, pl. 3, f. 4 (1889).
Synopsia lederi. Meyrick : l. c., p. 109.
a. North China.

Genus **PSEUDANGERONA.** Moore : Lep. Ceylon, iii. p. 414 (1887).

2593. Pseudangerona separata.

Boarmia separata. Walker : xxi. 381 (1860).
——————— Hampson : Faun. Brit. Ind. Moths, iii. p. 277 (1895).
Pseudangerona separata. Moore : l. c., pl. 202, f. 8.
——————— C. and S. : Cat. Moths of India, iv. 502. 3345 (1888).
——————— Hmn. : Ill. Typ. Lep. Het., B. M., ix. 36. 932 (1893).
——————— Swinhoe : Trans. Ent. Soc., Lond., 1894, p. 218.
Boarmia retractaria. Walker : xxi. 386.
Boarmia intectaria. Walker : xxvi. 1535 (1862).

Type. India, in B. M.
Type (*retractaria*). Sarawak, in B. M.
Type (*intectaria*). Ceylon, in B. M.
a. Sarawak, Borneo (Wallace). b. Khasia Hills.

2594. Pseudangerona incursaria. Pl. v. f. 4.
Boarmia incursaria. Walker: xxi. 386 (1860).
a. Sarawak, Borneo (type) (Wallace).

Genus **EUPHRONARCHA.** Warren: Nov. Zool., v. p. 249 (1898).

2595. Euphronarcha luxaria.
Hemerophila luxaria. Guen.: Phal., i. 220. 329 (1857).
———— Walker: xxi. 321 (1860).
Selidosema luxaria. Meyrick: Proc. Linn. Soc., N. S. W., 1891, p. 609.
Euphronarcha luxaria. Warren: l. c.
Hemerophila hemipteraria. Guen.: l. c., 220. 330, pl. 6, f. 2.
———— Walker: xxi. 321.
Tephrosia disperdita. Walker: xxi. 416.
Phibalapteryx strixata. Walker: xxv. 1340 (1862).
Type (*disperdita*). Sydney, in B. M.
Type (*strixata*). Australia, in B. M.
a. New South Wales. b. New Holland.

Genus **PSILOSTICHA.** Meyrick: Proc. Linn. Soc., N. S. W., 1891, p. 624.

2596. Psilosticha mactata.
Tephrosia mactata. Guen.: Phal., i. 270. 422 (1857).
———— Walker: xxi. 416 (1860).
Psilosticha mactata. Meyrick: l. c.
Boarmia attacta. Walker: xxi. 392.
Tephrosia integraria. Walker: xxi. 420.
Tephrosia absorpta. Walker: xxi. 420.
Type (*attacta*). Tasmania, in B. M.
Types (*integraria* and *absorpta*). Australia, in B. M.
a. New Holland (2).

Genus **PHELOTIS.** Meyrick: Trans. Ent. Soc., Lond., 1889, p. 500.
Mnesigea. Warren: Nov. Zool., iv. p. 95 (1897).

2597. Phelotis excursaria.
Tephrosia excursaria. Guen.: Phal., i. 267. 416 (1857).
———— Walker: xxi. 413 (1860).
Hemerophila excursaria. Walker: xxvi. 1532 (1862).
Phelotis excursaria. Meyrick: l. c.
Selidosema excursaria. Meyrick: Proc. Linn. Soc., N. S. W., 1891, p. 609.
Mnesigea excursaria. Warren: l. c.

Tephrosia exportaria. Guen. : l. c., 268. 417.
———— Walker : xxi. 414.
Tephrosia phibalapteraria. Guen. : l. c., 268. 418.
———— Walker : xxi. 414.
Phibalapteryx phibalapteraria. Rosenstock : Ann. Mag. N. H. (5), xvi. p. 434 (1885).
Hemerophila vestita. Walker : xxi. 322.
Boarmia attributa. Walker : xxi. 390.
Phibalapteryx attributa. Rosenstock : l. c.
Boarmia decertaria. Walker : xxi. 391.

Type (*vestita*). Tasmania, in B. M.
Types (*attributa* and *decertaria*). Sydney, in B. M.

a. Van Diemen's Land (6). b. Queensland (2). c. New South Wales (5).

Varies much both in size and markings.

Genus **PHTHONANDRIA.** Warren : Nov. Zool., i. p. 438 (1894).

2598. Phthonandria atrilineata.

Hemerophila atrilineata. Butler : Trans. Ent. Soc., Lond., 1881, p. 405.
———— Leech : Ann. Mag. N. H. (6), xix. p. 431 (1897).
Phthonandria atrilineata. Warren : l. c.
Boarmia atrilineata. Hmn. : Faun. Brit. Ind. Moths, iii. p. 279 (1895).

Type. Japan, in B. M.
a. Nikko, Japan.

Genus **ABACISCUS.** Butler : Ill. Typ. Het., B. M., vii. p. 102 (1889).

2599. Abaciscus intractabilis.

Homoptera intractabilis. Walker : Journ. Linn. Soc., Lond., vii. p. 83 ♀ (1864).
———— xxxiii. 878 (1865).
Angerona figlina. Swinhoe : Trans. Ent. Soc., Lond., 1890, p. 205, pl. 7, f. 5 ♂.
Ruttellerona figlina. Swinhoe : l. c., 1894, p. 220.
Boarmia figlina. Hmn. : Faun. Brit. Ind. Moths, iii. p. 280 (1895).

Type (*figlina*). Karen Hills, Burma, in B. M.
a. Sarawak, Borneo (type) (Wallace).

Genus **HIRASA.** Moore : Descr. Ind. Lep. Atk., p. 238 (1888).

2600. Hirasa scripturaria.

Tephrosia scripturaria. Walker : xxxv. 1590 (1866).
———— Moore : P. Z. S., Lond., 1897, p. 631.
Hirasa scripturaria. Moore : l. c.
———— C. and S. : Cat. Moths of India, iv. 504. 3361 (1888).
———— Swinhoe : (part) Trans. Ent. Soc., Lond., 1894, p. 219.
Boarmia scripturaria. Hampson : (part) Faun. Brit. Ind. Moths, iii. p. 282 (1895).

Type. Java, in B. M.
a. India (2).

GENUS **PARATHEMIS**. Warren: Nov. Zool., v. p. 249 (1898).

2601. Parathemis lyciaria.

Boarmia lyciaria. Guen.: Phal., i. 250. 381 (1857).
———— Walker: xxi. 388 (1860).
Selidosema lyciaria. Meyrick: Proc. Linn. Soc., N. S. W., 1891, p. 604.
Parathemis lyciaria. Warren: l. c.
Boarmia pœcilaria. Guen.: l. c., 250. 382, pl. 6, f. 1.
———— Walker: xxi. 388.
Boarmia semitata. Walker: xxi. 389.

Type (*semitata*). Tasmania, in B. M.
a. Van Diemen's Land (5).

GENUS **DEINOTRICHIA**. Warren: P. Z. S., Lond., 1893, p. 419.

2602. Deinotrichia nigrovittata.

Hemerophila nigrovittata. Moore: P. Z. S., Lond., 1867, p. 626.
———— C. and S.: Cat. Moths of India, iv. 495. 3281 (1888).
Medasina nigrovittata. Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 218.
———— Hmn.: Faun. Brit. Ind. Moths, iii. p. 285 (1895).
Darisa fasciata. Warren: Nov. Zool., i. p. 433 (1894).

Type. Bengal, in coll. Russell.
Type (*fasciata*). Sikkim, in coll. Rothschild.
a. India ♀.

2603. Deinotrichia objectaria.

Boarmia objectaria. Walker: xxxv. 1583 (1866).
Hemerophila objectaria. Moore: P. Z. S., Lond., 1867, p. 625.
———— C. and S.: Cat. Moths of India, iv. 495. 3282 (1888).
Medasina objectaria. Hmn.: Faun. Brit. Ind. Moths, iii. p. 284 (1895).
Boarmia gleba. Swinhoe: P. Z. S., Lond., 1885, p. 853, pl. 56, f. 3.
———— Cotes and Swinh.: l. c., 500. 3323.

Type. N. India, in B. M.
Type (*gleba*). Poona, in B. M.
a. India.

GENUS **MEDASINA**. Moore: Lep. Ceylon, iii. p. 409 (1887).
Darisa. Moore: Descr. Ind. Lep. Atk., p. 243 (1888).
Lassaba. Moore: l. c., p. 246.
Sinameda. Warren: Nov. Zool., i. p. 432 (1894).
Callocasta. Swinh.: Trans. Ent. Soc., Lond., 1894, p. 218.

2604. Medasina strixaria.

Hemerophila strixaria. Guen.: Phal., i. 217. 312 (1857).
———— Walker: xxi. 318 (1860).
———— Moore: P. Z. S., Lond., 1867, p. 265.
Medasina strixaria. Moore: Lep. Ceylon, iii. p. 409, pl. 190, f. 1, 1*a*.

Medasina strixaria. C. and S.: Cat. Moths of India, iv. 493. 3267 (1888).
——— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 206; 1894, p. 217.
——— Hmn.: Ill. Typ. Lep. Het., B. M., viii. 27. 742 (1891).
——— Faun. Brit. Ind. Moths, iii. p. 286 (1895).

a. India (2) (Ashmol. Mus.). b. Batchian (Wallace). c. Burma.

2605. Medasina mauraria.

Hemerophila mauraria. Guen.: Phal., i. 218. 323 (1857).
——— Walker: xxi. 319 (1860).
——— Moore: P. Z. S., Lond., 1867, p. 625.
——— Felder: Reise Nov. Lep., pl. 126, f. 18, 18*a* ♂, 19, 19*a* ♀ (1874).
Medasina mauraria. C. and S.: Cat. Moths of India, iv. 493. 3264 (1888).
——— Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 217.
——— Hmn.: Faun. Brit. Ind. Moths, iii. p. 285 (1895).

a. India (Ashmol. Mus.).

2606. Medasina creataria.

Hemerophila creataria. Guen.: Phal., i. 217. 321 (1857).
——— Walker: xxi. 318 (1860).
——— Moore: P. Z. S., Lond., 1867, p. 625.
Medasina creataria. C. and S.: Cat. Moths of India, iv. 492. 3260 (1888).
——— Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 217.
——— Hmn.: Faun. Brit. Ind. Moths, iii. p. 286 (1895).
——— Leech: Ann. Mag. N. H. (6), xix. p. 433 (1897).

a. India (3).

2607. Medasina mucidaria.

Boarmia mucidaria. Walker: xxxv. 1581 (1866).
Tephrosia mucidaria. Moore: P. Z. S., Lond., 1867, p. 631.
Darisa mucidaria. C. and S.: Cat. Moths of India, iv. 504. 3358 (1888).
——— Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 219.
Medacina mucidaria. Hampson: Faun. Brit. Ind. Moths, iii. p. 286 (1895).
Darisa maxima. Moore: Descr. Ind. Lep. Atk., p. 243 (1888).
——— Cotes and Swinh.: l. c., 3357.
Lassaba tephrosiaria. Warren: Nov. Zool., iii. p. 135 (1896).

Type ♂. N. India, in B. M.
Type (♀ *maxima*). Darjiling, in coll. Staudinger.
Type (*tephrosiaria*). Khasia Hills, in coll. Rothschild.
a. India.

2608. Medasina similis.

Medasina similis. Moore: Descr. Ind. Lep. Atk., p. 235 (1888).
——— C. and S.: Cat. Moths of India, iv. 493. 3266 (1888).
——— Hmn.: (part) Faun. Brit. Ind. Moths, iii. p. 287 (1895).
Callocasta similis. Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 218.

Type. Darjiling, in coll. Staudinger.
a. India.

2609. Medasina basistrigaria.

Hemerophila basistrigaria. Moore: P. Z. S., Lond., 1867, p. 626.

Hemerophila basistrigaria. C. and S.: Cat. Moths of India, iv. 494. 3277 (1888).
Sinameda basistrigaria. Warren: Nov. Zool., i. p. 432 (1894).
Callocasta basistrigaria. Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 218.
Medasina basistrigaria. Hmn.: Faun. Brit. Ind. Moths, iii. p. 288 (1895).

Type. Darjiling, in B. M.
a. India.

2610. Medasina albidaria.

Boarmia albidaria. Walker: xxxv. 1582 (1866).
———— Moore: P. Z. S., Lond., 1867, p. 630.
———— C. and S.: Cat. Moths of India, iv. 498. 3310 (1888).
Lassaba albidaria. Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 219.
Medasina albidaria. Hmn.: Faun. Brit. Ind. Moths, iii. p. 289 (1895).

Type. N. India, in B. M.
a. India (3).

2611. Medasina obliterata.

Boarmia obliterata. Moore: P. Z. S., Lond., 1867, p. 630.
———— C. and S.: Cat. Moths of India, iv. 500. 3328 (1888).
Medasina obliterata. Hmn.: Faun. Brit. Ind. Moths, iii. p. 289 (1895).

Type. Bengal, in B. M.
a. India.

GENUS **PARADARISA.** Warren: Nov. Zool., i. p. 433 (1894).

2612. Paradarisa exclusaria.

Boarmia (?) *exclusaria.* Walker: xxi. 490 (1860).
———— Moore: Lep. Ceylon, iii. p. 413 (1887).
———— C. and S.: Cat. Moths of India, iv. 499. 3321 (1888).
———— Hmn.: Faun. Brit. Ind. Moths, iv. App. p. 555 (1896).
Boarmia comparataria. Walker: xxxv. 1582 (1866).
———— Hampson: l. c., iii. p. 263 (1895).
Tephrosia comparataria. Moore: P. Z. S., Lond., 1867, p. 631.
Gnophos comparataria. Cotes and Swinh.: l. c., 510. 3405.
Paradarisa comparataria. Warren: l. c.

Type. Ceylon, in coll. Layard.
Type (*comparataria*). N. India, in B. M.
a. India.
With vein 11 given off from 12 in the fore-wings.

GENUS **ARICHANNA.** Moore: P. Z. S., Lond., 1867, p. 658.

2613. Arichanna plagifera.

Scotosia plagifera. Walker: xxxv. 1686 (1866).
Arichanna plagifera. Moore: l. c.
———— C. and S.: Cat. Moths of India, iv. 564. 3833 (1888).
———— Hmn.: Faun. Brit. Ind. Moths, iii. p. 292 (1895).

Type. N. India, in B. M.
a. India.

2614. Arichanna tramesata.

Arichanna tramesata. Moore: P. Z. S., Lond., 1867, p. 658, pl. 33, f. 2.
——————— C. and S.: Cat. Moths of India, iv. 565.3835(1888).
——————— Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 222.
——————— Hampson: Faun. Brit. Ind. Moths, iii. p. 290 (1895).

Type. Bengal, in B. M.

a. India.

2615. Arichanna ramosa.

Scotosia ramosa. Walker: xxxv. 1688 (1866).
Arichanna ramosa. Moore: P. Z. S., Lond., 1867, p. 658.
——————— C. and S.: Cat. Moths of India, iv. 564. 3834 (1888).
——————— Hampson: Faun. Brit. Ind. Moths, iii. p. 291 (1895).
——————— Leech: Ann. Mag. N. H. (6), xix. p. 434 (1897).

Type. N. India, in B. M.

a. India (2).

GENUS **ICTERODES.** Butler: Ill. Typ. Lep. Het., B. M., ii. p. 9 (1878).

Paricterodes. Warren: P. Z. S., Lond., 1893, p. 389.

2616. Icterodes transectata.

Rhyparia transectata. Walker: xxiv. 1112 (1862).
——————— Moore: P. Z. S., Lond., 1867, p. 651.
——————— Swinhoe: P. Z. S., Lond., 1885, p. 862.
——————— C. and S.: Cat. Moths of India, iv. 550.3712 (1888).
Arichanna transectata. Hmn.: Faun. Brit. Ind. Moths, iii. p. 294 (1895).

Type. Himalaya Mountains, in B. M.

a. India.

2617. Icterodes jaguararia.

Rhyparia jaguararia. Guen.: Phal., ii. 198. 1246 (1857).
——————— Walker: xxiv. 1111 (1862).
Arichanna jaguararia. Leech: Ann. Mag. N. H. (6), xix. p. 439 (1897).

a. Japan.

GENUS **EREBOMORPHA.** Walker: xxi. 494 (1860).

Vindusara. Moore: P. Z. S., Lond., 1867, p. 653.

2618. Erebomorpha fulgurita.

Erebomorpha fulgurita. Walker: xxi. 495 (1860).
——————— Moore: l. c., p. 624.
——————— C. and S.: Cat. Moths of India, iv. 483.3187 (1888).
——————— Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 214.
——————— Hmn.: Faun. Brit. Ind. Moths, iii. p. 295 (1895).
Erebomorpha xanthosoma. Felder: Reise Nov. Lep., pl. 126, f. 17 (1874).
——————— Cotes and Swinh.: l. c., 3189.

Type (*xanthosoma*). Darjiling, in coll. Rothschild.

a. India (♂ ♀ types). b. India (4). c. Assam (Jenkins).

2619. Erebomorpha fulguraria.

Erebomorpha fulguraria. Walker: xxi. 495 (1860).
———— xxvi. 1548 (1862).
———— Moore: P. Z. S., Lond., 1867, p. 624.
———— Butler: Ill. Typ. Lep. Het., B. M., vi. p. 85, pl. 120, f. 2 (1886).
———— C. and S.: Cat. Moths of India, iv. 482. 3186 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 214.
———— Hmn.: Faun. Brit. Ind. Moths, iii. p. 296 (1895).

Type. Without locality, in B. M.
a. India (2).

2620. Erebomorpha compositata.

Abraxas compositata. Guen.: Phal., ii. 207. 1266 (1857).
———— Walker: xxiv. 1120 (1862).
Vindusara compositata. Moore: P. Z. S., Lond., 1867, p. 653, pl. 32, f. 6.
———— C. and S.: Cat. Moths of India, iv. 551. 3718 (1888).
Erebomorpha compositata. Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 215.
———— Hmn.: Faun. Brit. Ind. Moths, iii. p. 296 (1895).

a. India (3). b. Assam (Jenkins).

With hair on the body and rough legs like a true *Boarmia*, though of an *Abraxas* pattern and colour.

2621. Erebomorpha metachromata.

Abraxas metachromata. Walker: xxiv. 1122 (1862).
Vindusara metachromata. Moore: P. Z. S., Lond., 1867, p. 653.
———— Butler: Ill. Typ. Lep. Het., B. M., vi. p. 84, pl. 120, f. 1 (1886).
———— C. and S.: Cat. Moths of India, iv. 551. 3719 (1888).
Erebomorpha metachromata. Hmn.: Faun. Brit. Ind. Moths, iii. p. 297 (1895).

Type. N. India, in B. M.
a. India (2) (Hearsay).

Sub-Family ABRAXINÆ.

Genus **HETERABRAXAS.** Warren: Nov. Zool., i. p. 416 (1894).

2622. Heterabraxas pardaria.

Abraxas pardaria. Moore: P. Z. S., Lond., 1867, p. 652.
———— C. and S.: Cat. Moths of India, iv. 554. 3738 (1888).
———— Hampson: Faun. Brit. Ind. Moths, iii. p. 297 (1895).

Type. Bengal, in coll. Russell.
a. India.

2623. Heterabraxas ductaria.

Rhyparia ductaria. Walker: xxiv. 1111 (1862).
———— Moore: P. Z. S., Lond., 1867, f. 651.
———— C. and S.: Cat. Moths of India, iv. 550. 3710 (1888).

Percnia ductaria. Hampson: Faun. Brit. Ind. Moths, iii. p. 306 (1895).

Type. India, in B. M.

a. India.

The antennæ are pectinated in both sexes, and the species is congeneric with *spontaneata*, Walker, the type of the genus *Heterabraxas*.

GENUS **SILABRAXAS**. nov.

♂ Antennæ thickened and with very minute cilia, palpi slight; fore-wings with vein 11 stalked with 10 and becoming coincident with 12, without fovea; hind-wings with the costa produced upwards into a lobe; Sir George Hampson makes this the second section of his genus *Abraxas*.

2624. Silabraxas lobata.

Abraxas lobata. Hampson: Faun. Brit. Ind. Moths, iii. p. 299 (1895).

Type. Simla, in B. M.

a. Khasia Hills.

GENUS **ABRAXAS**. Leach: Edinburgh Encycl., p. 134 (1815).
Potera. Moore: P. Z. S., Lond., 1878, p. 852.
Omophyseta. Warren: Nov. Zool., i. p. 414 (1894).

2625. Abraxas leopardina.

Zerene leopardina. Koll.: Hug. Kasch., iv. p. 490 (1844).
Abraxas leopardina. C. and S.: Cat. Moths of India, iv. 553. 3736 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 212.
Abraxas leopardinata. Guen.: Phal., ii. 206. 1262 (1857).
———— Walker: xxiv. 1119 (1862); xxvi. 1694 (1862).
———— Moore: l. c., Lond., 1867, p. 651.
Abraxas sylvata. Hmn.: (part) Faun. Brit. Ind. Moths, iii. p. 299 (1895).

a. India (6). b. Silhet.

2626. Abraxas miranda.

Abraxas miranda. Butler: Ann. Mag. N. H. (5), i. p. 441 (1878).
———— Ill. Typ. Lep. Het., B. M., iii. p. 48, pl. 52, f. 12 (1879).
Abraxas sylvata. Leech: (part) Ann. Mag. N. H. (6), xix. p. 445 (1897).

Type. Japan, in B. M.

a. Japan (4).

2627. Abraxas illuminata.

Abraxas illuminata. Warren: Nov. Zool., i. p. 417 (1894).

Type. Darjiling, in coll. Rothschild.

a. Amoy, China.

2628. Abraxas pusilla.

Abraxas pusilla. Butler: Ann. Mag. N. H. (5), vi. p. 225 (1880).
———— Ill. Typ. Lep. Het., B.M., vi. p. 83, pl. 119, f. 9 (1886).

Abraxas pusilla. C. and S.: Cat. Moths of India, iv. 554. 3740 (1888).
Abraxas martaria. Hmn.: (part) Faun. Brit. Ind. Moths, iii. p. 300 (1895).

Type. Darjiling, in B. M.

a. India.

2629. Abraxas conferta.

Abraxas conferta. Swinhoe: Ann. Mag. N. H. (6), xii. p. 153 (1893).
———— Hampson: Faun. Brit. Ind. Moths, iii. p. 300 (1895).

a. India (type).

2630. Abraxas ditritaria.

Abraxas ditritaria. Walker: xxiv. 1125 (1862); xxvi. 1694 (1862).
———— C. and S.: Cat. Moths of India, iv. 552. 3729 (1888).
———— Hampson: Ill. Typ. Lep. Het., B. M., viii. 30. 840, pl. 152, f. 21 (1891).
———— Faun. Brit. Ind. Moths, iii. p. 303 (1895).

Type. South India, in B. M.

a. Nilgiri Hills (Cardew).

2631. Abraxas luteolaria.

Abraxas luteolaria. Swinhoe: P. Z. S., Lond., 1889, p. 430.
———— Hampson: Ill. Typ. Lep. Het., B. M., viii. 30. 848, pl. 152, f. 3 (1891).
———— Faun. Brit. Ind. Moths, iii. p. 302 (1895).
Abraxas germana (*ab*). Swinhoe: Trans. Ent. Soc., Lond., 1891, p. 143.

Types of both. Nilgiri Hills, in B. M.

a. Nilgiri Hills (Cardew).

2632. Abraxas maculicincta.

Abraxas maculicincta. Walker: xxxv. 1669 (1866).

Type. Java, in B. M.

a. Java.

2633. Abraxas punctifera.

Nyctemera punctifera. Walker: xxxi. 202 (1864).
Nyctemera clara. Walker: xxxi. 202.
Abraxas hypsata. Felder: Reise Nov. Lep., pl. 130, f. 16 (1874).
———— C. and S.: Cat. Moths of India, iv. 553. 3733 (1888).

Type (*clara*). Bouru, in B. M.

Type (*hypsata*). (?) E. Indies, in coll. Rothschild.

a. Aru (type ♀) (Wallace). b. Batchian ♂ (Wallace). c. Bouru (Wallace).

GENUS **LIGDIA.** Guen.: Phal., ii. p. 209 (1857).

2634. Ligdia coctata.

Ligdia coctata. Guen.: l. c., 210. 1270.
———— Walker: xxiv. 1128 (1862).
———— Warren: P. Z. S., Lond., 1888, p. 325.

Ligdia coctata. C. and S.: Cat. Moths of India, iv. 555. 3751 (1888).
Melanthia efferata. Walker: xxiv. 1274.
Melanippe restitutata. Walker: xxv. 1297 (1862).
———— Cotes and Swinh.: l. c., 562. 3814.
Melanthia restituta. Butler: P. Z. S., Lond., 1886, p. 393.
Abraxas adustata. Hmn.: (part) Faun. Brit. Ind. Moths, iii. p. 304 (1895).

Type (*efferata*). Without locality, in B. M.
Type (*restitutata*). Punjab, in B. M.
a. Indore (Hearsay).

GENUS **ONELLABA.** Walker: xxiv. 1139 (1862).

2635. Onellaba botydata.

Onellaba botydata. Walker: xxiv. 1140.
———— C. and S.: Cat. Moths of India, iv. 555. 3750 (1888).
———— Hampson: Ill. Typ. Lep. Het., B. M., viii. 30. 852, pl. 156, f. 29 (1891).
———— Faun. Brit. Ind. Moths, iii. p. 306 (1895).

Type. South India, in B. M.
a. India. b. Ootacamund (2) (Minchin). c. Nilgiri Hills (4).

GENUS **CISTIDIA.** Hübn.: Verz., p. 174 (1816).
Halthia. Mén.: Bull. Acad. Sci. Pet., iii. p. 107 (1859).
Vithora. Moore: P. Z. S., Lond., 1865, p. 795.

2636. Cistidia couaggaria.

Abraxas couaggaria. Guen.: Phal., ii. 202. 1253 (1857).
———— Walker: xxiv. 1127 (1862); xxvi. 1694 (1862).
———— C. and S.: Cat. Moths of India, iv. 552. 3728 (1888).
Cistidia couaggaria. Meyrick: Trans. Ent. Soc., Lond., 1892, p. 116.
Halthia couaggaria. Warren: Nov. Zool., i. p. 414 (1894).
———— Pungeler: Iris, x. p. 363 (1897).
Vithora couaggaria. Leech: Ann. Mag. N. H. (6), xix. p. 459 (1897).
Halthia eurypyle. Men.: l. c.
———— Schrenck's Amur., ii. p. 47, pl. 4, f. 3 (1860).
Halthia eurypila. Brem.: Lep. Ost-Sib., p. 84 (1864).
Abraxas eurypyla. Walker: xxxv. 1861 (1866).
Halthia eurymede. Motsch.: Etudes, p. 30 (1860).
Abraxas interruptaria. Felder: Wien. Ent. Mon., 1862, p. 39.
———— Walker: xxvi. 1694 (1862).
———— Felder: Reise Nov. Lep., pl. 129, f. 29 (1874).
———— Leech: Trans. Ent. Soc., Lond., 1889, p. 145.
Abraxas lithosaria. Walker: xxiv. 1125.

Type (*interruptaria*). N. China, in coll. Rothschild.
Type (*lithosaria*). N. China, in B. M.
a. Japan. b. Hakodaté, Japan. c. Amoy, China (2).

2637. Cistidia stratonice.

Phalæna stratonice. Cram.: Pap. Exot., iv. p. 234, pl. 398, f. K (1782).

Cistidia stratonice. Hübn.: Verz., p. 174 (1816).
———— Snellen: Tijd. voor Ent., xxi. p. 115 (1877).
———— Meyrick: Trans. Ent. Soc., Lond., 1892, p. 116.
———— Warren: Nov. Zool., i. p. 413 (1894).
———— Staud.: Iris, x. p. 27 (1897).
———— Pungeler: Iris, x. p. 363.
Cystidia stratonice. Walker: ii. 342 (1854).
Eusemia stratonice. Mén.: Schrenck's Amur., ii. p. 47 (1860).
———— Motsch.: Etude d'Ent., ix. p. 30 (1860).
Abraxas stratonice. Felder: Wien. Ent. Mon., 1862, p. 39.
———— Walker: xxvi. 1694 (1862).
Vithora stratonice. Leech: P. Z. S., Lond., 1888, p. 614.
———— Ann. Mag. N. H. (6), xix. p. 459 (1897).
Vithora agrionides. Butler: Ann. Mag. N. H. (4), xv. p. 137 (1875).
———— Ill. Typ. Lep. Het., B.M.,ii.p.3,pl.22,f.3(1878).

Type (*agrionides*). Hakodaté, in B. M.

a. Japan (4). b. Hakodaté.

Genus **GENUSA**. Walker: iv. 818 (1855).

2638. Genusa bigutta.

Genusa bigutta. Walker: iv. 818.
———— Moore: P. Z. S., Lond., 1867, p. 679.
———— C. and S.: Cat. Moths of India, ii. 138. 893 (1887).
———— Hampson: Faun. Brit. Ind. Moths, iii. p. 312 (1895).
Genusa (?) *destituta.* Walker: xxxii. 341 (1865).

a. Cambodia, Siam (type) (Mouhot). b. Cambodia (Mouhot).
c. Singapore (Wallace). d. Borneo.

The type specimen is much worn, and the pale fuscous grey blotches, which are really the distinguishing character of this species, are obsolete in the type specimen. Walker erected the genus on the Indian species *bigutta*, which is a true *Abraxid*; he then described *delineata*, *circumdata*, *comparata*, *discifera*, and *terminata*, all *Lymantrids* (the first three being one and the same thing), under his genus *Genusa*, and then in describing *destituta*, which is hardly separable from the type of the genus, he put it as doubtfully belonging to the genus, doubtless having his attention fixed on the *Lymantrids* which he had wrongly put into the group.

Genus **STALAGMIA**. Guen.: Phal., ii. p. 212 (1857).

2639. Stalagmia guttaria.

Phalæna guttaria. Boisd.: Guér. Icon. Regn. Anim., pl. 90, f. 2 (1842).
Stalagmia guttaria. Guen.: l. c., 213. 1272.
———— Walker: xxiv. 1130 (1862).
Naxa tenera. Walker: xxxii. 378 (1865).

a. Sumatra (type *tenera*) (Wallace). b. Sumatra (Wallace).
c. Sarawak, Borneo (Wallace). d. Without locality (2).

GENUS **PERCNIA.** Guen.: Phal., ii. p. 216 (1857).

2640. Percnia felinaria.

Percnia felinaria. Guen.: l. c., pl. 19, f. 1.
———— Walker: xxiv. 1133 (1862).
———— Moore: P. Z. S., Lond., 1867, p. 651.
———— C. and S.: Cat. Moths of India, iv. 550. 3714 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 212.
———— Hampson: Faun. Brit. Ind. Moths, iii. p. 308 (1895).

a. India (5). b. Silhet.

2641. Percnia belluaria.

Percnia belluaria. Guen.: Phal., ii. 217. 1279 (1857).
———— Walker: xxiv. 1133 (1862).
———— C. and S.: Cat. Moths of India, iv. 550. 3713 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 212.
———— Hampson: Faun. Brit. Ind. Moths, iii. p. 308 (1895).
———— Leech: Ann. Mag. N. H. (6), xix. p. 455 (1897).
Percnia guttata. Felder: Reise Nov. Lep., pl. 130, f. 15 (1874).
———— Cotes and Swinh.: l. c., 551. 3716.
Percnia longimacula (*ab*). Warren: Nov. Zool., iv. p. 89 (1897).

Type (*guttata*). Darjiling, in coll. Rothschild.
Type (*longimacula*). Kulu, in coll. Rothschild.
a. Assam.

2642. Percnia giraffata.

Abraxas giraffata. Guen.: Phal., ii. 205. 1258 (1857).
———— Walker: xxiv. 1118 (1862).
———— C. and S.: Cat. Moths of India, iv. 553. 3732 (1888).
Percnia giraffata. Hampson: Faun. Brit. Ind. Moths, iii. p. 309 (1895).
Rhyparia grandaria. Felder: Wien. Ent. Mon., 1862, p. 39.
———— Walker: xxvi. 1693 (1862).
———— Felder: Reise Nov. Lep., pl. 129, f. 28 (1874).

Type (*grandaria*). Ningpo, in coll. Rothschild.
a. China.

GENUS **CULCULA.** Moore: Descr. Ind. Lep. Atk., p. 266 (1888).

2643. Culcula exanthemata.

Culcula exanthemata. Moore: l. c.
———— C. and S.: Cat. Moths of India, iv. 552. 3723 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 212.
Percnia exanthemata. Hampson: Faun. Brit. Ind. Moths, iii. p. 308 (1895).
———— Leech: Ann. Mag. N. H. (6), xix. p. 456 (1897).

Type. Darjiling, in coll. Staudinger.
a. Khasia Hills.

GENUS **OBEIDIA.** Walker: xxiv. 1139 (1862).

2644. Obeidia tigrata.

Abraxas tigrata. Guen.: Phal., ii. 202. 1252 (1857).

Abraxas tigrata. Walker : xxiv. 1118.
———— Moore : P. Z. S., Lond., 1867, p. 651.
Obeidia tigrata. Hmn. : (part) Faun. Brit. Ind. Moths, iii. p. 309 (1895).
———— Leech : Ann. Mag. N. H. (6), xix. p. 457 (1897).

a. Amoy, China (3). b. N. China (2).

2645. Obeidia lucifera.

Obeidia lucifera. Swinhoe : Ann. Mag. N. H. (6), xii. p. 153 (1893).
Cistidia lucifera. Swinhoe : Trans. Ent. Soc., Lond., 1894, p. 211.
Abraxas tigrata. Cotes and Swinh. (nec Guen.) : Cat. Moths of India, iv. 554. 3743 (1888).
Abraxas tigrata. (*var.*) Moore : P. Z. S., Lond., 1867, p. 651.

a. India (♂ ♀ types).

GENUS **XANTHABRAXAS.** Warren : Nov. Zool., i. p. 422 (1894).

2646. Xanthabraxas hemionata.

Abraxas hemionata. Guen. : Phal., ii. 208. 1267 (1857).
———— Walker : xxiv. 1120 (1862).
———— Oberth. : Etud. d'Ent., ii. p. 34, pl. 2, f. 6 (1876).
Xanthabraxas hemionata. Warren : l. c.
———— Leech : Ann. Mag. N. H. (6), xix. p. 462 (1897).

a. China.

GENUS **TIGRIDOPTERA.** Herr. Schäff. : Lep. Exot., p. 69 (1856).
Panæthia. Guen. : Phal., ii. p. 196 (1857).
Arycanda. Walker : xxxi. 123 (1864).
Duga. Walker : xxxi. 218.

2647. Tigridoptera exul.

Tigridoptera exul. Herr. Schäff. : l. c., f. 533.
———— Walker : xxxi. 218.

a. Java.

2648. Tigridoptera matutinata.

Panæthia matutinata. Walker : xxiv. 1109 (1862).

Type. Australia, in B. M.

a. New Holland. b. Port Essington. c. Richmond River.

2649. Tigridoptera cuneiplena. nov.

♀ Greyish slaty blue, abdomen ochreous, slaty at base, fore-wings ochreous red at the base and with a broad ochreous red streak or band above the sub-median vein, from the base to three-fourths the length of the wing ; hind-wings with an ochreous red sub-costal streak in the disc, and a similar but longer streak in the centre of the abdominal margin, and a small medial streak at the base, both wings crossed by macular bands, fore-wings seven and hind-wings five, the bands beyond the middle with the spots spear shaped, the spear shapes decreasing in length from the outer band, in which there are

only four or five long spear-shaped marks, the apical ones being obsolete ; a large black spot at the end of the cell in both wings, in the fore-wings with the third band running through it, in the hind-wings in the middle of the space between the first and second band.

Underside darker coloured and suffused with brownish, a large black spot at end of each cell, hind-wings with a discal macular band.

Expanse of wings, 3 inches.

a. Manilla (type).

2650. Tigridoptera georgiata.

Panæthia georgiata. Guen.: Phal., ii. 196. 1243 (1857).
———————— Walker: xxiv. 1108 (1862).
———————— Pag.: Abh. Senck. Ges., 1897, p. 459.

a. Borneo (4). b. Sarawak (Wallace).

2651. Tigridoptera arycandata.

Panæthia arycandata. Walker: xxiv. 1108 (1862).

a. Sarawak, Borneo (type) (Wallace). b. Borneo (2).

2652. Tigridoptera maculosa.

Arycanda maculosa. Walker: vii. 1775 (1856).

Type ♀. Sumatra, in B. M.

a. Sumatra ♂ (Wallace).

2653. Tigridoptera subfumosa.

Arycanda subfumosa. Warren: Nov. Zool., iv. p. 83 (1897).

Type. Lawas, N. Borneo, in coll. Rothschild.

a. Sumatra (Wallace).

2654. Tigridoptera hypanis.

Phalæna hypanis. Cram.: Pap. Exot., ii. p. 72, pl. 142, f. D (1779) (Surinam per errorem).
Phalæna-Geometra hypanis. Cram.: l. c., p. 149.
Phalæna-Geometra hypanus. Cram.: l. c., p. 72 (French text).
Boarmia (?) *hypanus.* Walker: xxvi. 1534 (1862).
Deileptenia hypanaria. Hübn.: Verz., p. 317 (1816).
Panæthia hypanaria. Guen.: Phal., ii. 196. 1244 (1857).
———————— Walker: xxiv. 1108 (1862).
Arycanda maculifera. Walker: xxxi. 123 (1864).

a. Amboina (types *maculifera* ♂ ♀) (Wallace). b. Ceram ♂ (Wallace).

2655. Tigridoptera emolliens.

Eusemia emolliens. Walker: xxxi. 53 ♀ (1864).
Panæthia atrocærulea. Felder: Reise Nov. Lep., pl. 129, f. 27 ♂ (1874).

Type (*atrocærulea*). Celebes, in coll. Rothschild.

a. Menado, Celebes (type ♀) (Wallace). b. Menado, Celebes ♂.

2656. Tigridoptera barbara.

Phalæna-Geometra barbara. Cram.: Pap. Exot., iv. p. 151, pl. 68, f. B (1782).

Cosmethis barbara. Hübn.: Verz., p. 179 (1816).
———— Pag.: J. B. Nass. Ver., 1888, p. 181.
———— Abh. Senck. Ges., 1897, p. 459.
Noctua australasiæ. Don.: Ill. Ins. New Holl., pl. 36, f. 3 (1805).
Duga pinguis. Walker: xxxi. 219 (1864).
———— Swinhoe: Cat. Het. Mus. Oxon., i. p. 96, and Errata, p. viii. (1892).

a. Amboina (type *pinguis*) (Wallace). b. Batchian (Wallace). c. Ceram (Wallace). d. Gilolo (Wallace).

2657. Tigridoptera rosenbergi.

Abraxas rosenbergi. Pag.: J. B. Nass. Ver., 1886, p. 165.
Duga rana. Swinhoe: Cat. Het. Mus. Oxon., i. p. 96, pl. 111, f. 3 (1892).

a. Goram, Ceram (type *rana*) (Wallace).

GENUS **PRÆSOS.** Walker: ii. 409 (1854).

2658. Præsos mariana.

Eusemia mariana. White: App. MacGillivray's Voy. of Rattlesnake, pl. 4, f. 3, 4 (1852).
Præsos mariana. Walker: ii. 409.

a. West Australia. b. Port Albany, N. Australia (3).

GENUS **BORDETA.** Walker: xxxi. 161 (1864).

2659. Bordeta quadriplagiata.

Bordeta quadriplagiata. Walker: xxxi. 161.
———— Roths.: Nov. Zool., ii. p. 498 (1895).
Bordeta sexplagiata. Walker: xxxi. 162.

a. Batchian (type ♂) (Wallace). b. Batchian (type ♀ *sexplagiata*) (Wallace).

GENUS **CRASPEDOSIS.** Butler: P. Z. S., Lond., 1876, p. 767.
Mniocera. Butler: l. c., 1879, p. 162.

2660. Craspedosis sobria.

Celerena sobria. Walker: xxxi. 164 (1864).
Craspedosis sobria. Butler: l. c., 1876, p. 768.

Type. Aru, in B. M.
a. Amboina (Wallace). b. Ceram (2) (Wallace).

2661. Craspedosis norbeata. nov.

♀ Antennæ, palpi, head, thorax, and basal half of abdomen black, apical half of abdomen ochreous; wings of a uniform black, fore-wings with a pure white, transverse central band, not touching the costa and termination in the interspace above vein one, also an indistinct whitish discal thin band most apparent towards the hinder angle: hind-wings with a similar discal band, but otherwise without

markings: underside coloured as above; fore-wings with the central band as above; hind-wings with the basal half pale, legs black.

Expanse of wings, $2\frac{1}{10}$ inches.

a. Bouru (type) (Wallace).

Allied to *C. sobria*, band on fore-wings one-third the width, and the broad central white band of hind-wings absent.

2662. Craspedosis morotai. nov.

♂ Antennæ black, palpi black above, ochreous beneath, head and body ochreous, head with a black spot in front and a black vertex, thorax and abdomen with black bands; wings black, fore-wings with three white bands, hind-wings with two, fore-wings with the first band more longitudinal than transverse, extending from near the base close to the hinder margin to near the costa in the middle, and is composed of two spots joined together, the other two bands are transverse, central and discal, the central short and thick, the discal narrow and macular, the inner margins nearly even, the outer of round curves, the two bands on the hind-wings correspond to the two outer bands of the fore-wings, the inner band occupying nearly the whole inner space leaving a small, black basal space; underside duller, bands on wings as above, body ochreous with black bands, legs blackish.

Expanse of wings, 2 inches.

a. Morty (type) (Bernstein).

2663. Craspedosis extenuata.

Celerena extenuata. Walker: xxxi. 165 (1864).

Type. Timor, in B. M.

a. Ins. Obi (Leyden Mus.). b. Halmehira (Bernstein). c. Morty (Wallace). d. Batchian (Wallace).

2664. Craspedosis aruensis.

Celerena ernestina var. aruensis. Pag.: J. B. Nass. Ver., 1886, p. 164.

a. Aru (Wallace).

2665. Craspedosis munda.

Celerena munda. Walker: xxxi. 170 (1864).

a. New Guinea (type) (Wallace).

2666. Craspedosis cincta.

Celerena cincta. Walker: xxxi. 165 (1864).
Mniocera cincta. Butler: P. Z. S., Lond., 1879, p. 162.
Celerena funebris. Felder: Reise Nov. Lep., pl. 130, f. 14 (1874).

Type. Timor, in B. M.

Type (*funebris*). Moluccas, in coll. Rothschild.

a. Batchian (Wallace).

GENUS **BIZARDA**. Walker: xxxi. 162 (1864).

2667. Bizarda clarissima.

Bizarda clarissima. Walker: xxxi. 163.
Miliontia lysistrata. Kirsch.: Mitth. Dresd. Mus., p. 131, pl. 7, f. 4 (1877).
———— Pag.: J. B. Nass. Ver., 1886, p. 167.

Type. Aru, in B. M.

a. Aru (Wallace). b. Waigiu (Wallace).

The type of Walker's genus *Bizarda* is *clarissima* although he described *optima* first under that genus, but *optima* is an *Epidesma*, and the description of his genus corresponds to *clarissima*, from which species he evidently described the genus.

GENUS **BRACCA**. Hübn.: Verz., p. 179 (1816).

2668. Bracca bajularia.

Phalæna bajularia. Clerck: Icon., pl. 54, f. 6, 7 (1764).
———— Cram.: Pap. Exot., ii. p. 115, pl. 172, f. C (1779).
Noctua bajularia. Fabr.: Sp. Ins., ii. p. 213 (1787).
———— Mant. Ins., ii. 137 (1787).
———— Ent. Syst., iii. (2), p. 20 (1794).
Arctia (?) *bajularia*. Walker: iii. 615 (1855).
Bracca bajularia. Walker: vii. 1693 (1856).
———— Aurivillius: Vet. Ak. Handl., xix. (5), p. 180 (1882).
Bracca bajula. Hübn.: l. c.
Celerena scissa. Walker: xxxi. 166 (1864).

Type (*scissa*). Amboina, in B. M.

a. Amboina (Wallace).

GENUS **BANDOBENA**. Walker: xxxi. 196 (1864).

2669. Bandobena apicalis.

Bandobena apicalis. Walker: xxxi. 197.

a. Makessar, Celebes (type ♀) (Wallace).

The type is a female, and not a male as stated by Walker.

GENUS **BURTINA**. Walker: xxxi. 195 (1864).

2670. Burtina continua.

Burtina continua. Walker: xxxi. 196.

a. Makessar, Celebes (type ♂) (Wallace).

GENUS **BURSADA**. Walker: xxxi. 187 (1864).

2671. Bursada plagiata.

Bursada plagiata. Walker: xxxi. 188.

a. Ternate (type ♂) (Wallace). b. Gilolo (type ♀) (Wallace). c. North Halmaheira ♀ (Bernstein).

2672. Bursada tricinctaria.

Phalæna tricinctaria. Linn.: Syst. Nat., x. p. 523 (1767); xii. p. 865 (1769).
——————— Goeze: Beitr., iii. (3), p. 313 (1781).
——————— Thunberg: Mus. Nat. Ups., xxiii. p. 10 (1804).
Abraxides tricinctaria. Aurivill.: Vet. Akad. Handl., xix. (5), p. 165 (1882).
Phalæna-Geometra perdica. Cram.: Pap. Exot., ii. pl. 178, f. E (1779).
——————— Goeze: l. c., p. 433.
Dioptis perdica. Pag.: Abk. Senck. Ges., 1897, p. 457.
Terina (?) *arybasa*. Walker: Trans. Ent. Soc., Lond. (3), i. p. 73 (1862).
——————— xxxi. 158 (1864).
Bursada truncata. Walker: xxxi. 191.

Types (*truncata* ♂ ♀). Ceram, in B. M.

a. Ceram (type ♂ *arybasa*) (Wallace). b. Amboina ♀ (Wallace). c. Ceram ♂ ♀ (Wallace).

A variable species.

2673. Bursada hieroglyphica.

Bursada hieroglyphica. Walker: xxxi. 189 (1864).
Bursada vestigiata. Snellen: Tijd. voor Ent., 1881, p. 91, pl. 9, f. 5.

Type ♀. Celebes, in B. M. (not ♂ as stated by Walker).

a. Makessar, Celebes ♂ ♀ (Wallace). b. Menado, Celebes ♀ (Wallace).

2674. Bursada maculifera.

Bursada maculifera. Felder: Reise Nov. Lep., pl. 130, f. 12 ♂ (1874).
——————— Pag.: Abk. Senck. Ges., 1897, p. 457.

Type. Moluccas, in coll. Rothschild.

a. Philippine Islands ♀.

2675. Bursada aurinata.

Bursada aurinata ♀. Walker: xxxi. 192 (1864).
Bursada splendida ♂. Walker: xxxi. 192.

a. Menado, Celebes (type ♀) (Wallace). b. Waigiu ♂ ♀ (Wallace). c. New Guinea (type ♂ *splendida*) (Wallace).

2676. Bursada intercisa.

Bursada intercisa. Walker: xxxi. 192 (1864).

a. Mysol (type ♀) (Wallace). b. New Guinea ♂ ♀ (Wallace).

2677. Bursada oblongata. nov.

♂ Black, fore-wings with an ochreous patch in the disc very much as in *B. intercisa*: hind-wings with an elongated ochreous space from the costa, leaving the margin all round broadly black.

Expanse of wings, $1\frac{4}{10}$ inches.

a. Dorey (type) (Wallace).

2678. Bursada quadripartita.

Bursada quadripartita. Walker: xxxi. 190 (1864).
Bursada salamandra. Pag. (nec Kirsch): J. B. Nass. Ver., 1886, p. 161.

a. Aru (type ♂) (Wallace). b. Aru (Wallace).

2679. Bursada basistriga.

Bursada basistriga. Walker: xxxi. 189 (1864).

Type. Mysol, in B. M.

a. Mysol ♂ (Wallace).

2680. Bursada fidonioides.

Bursada fidonioides. Walker: xxxi. 190 (1864).
Bursada piepersiata. Snellen: Tijd. voor Ent., 1881, p. 91, pl. 9, f. 5.
Bursada alboguttata. Pag.: Ent. Nackv., 1896, p. 53.
———— Abk. Senck. Ges., 1897, p. 457, pl. 18, f. 9.

Type. Celebes, in B. M.

a. Makessar, Celebes 2 ♂ (Wallace).

Genus **MILIONIA.** Walker: ii. 365 (1854).

2681. Milionia glauca.

Phalæna glauca. Cram.: Pap. Exot., iv. pl. 368, f. D (1782).
Milionia glauca. Walker: ii. 365 (1854); vi. 1656 (1856).
———— Hampson: Faun. Brit. Ind. Moths, iii. p. 312 (1895).
———— Roths.: Nov. Zool., ii. p. 497 (1895).
Epidesma pyrrho. Hübn.: Verz., 176. 1821 (1816).
Milionia cyaneifera (♀ only). Walker: xxxi. 158 (1864).

a. Ceram (type ♀ *cyaneifera*) (Wallace).

2682. Milionia cyaneifera.

Milionia cyaneifera (♂ only). Walker: xxxi. 158 (1864).
———— Roths.: Nov. Zool., ii. p. 497 (1895).
Milionia auriflamma. Thierry: Mieg. Bull. Soc. Ent. Fr., 1897, p. 44.

a. Batchian (type ♂) (Wallace).

This appears to be quite distinct from Walker's ♀ type of *cyaneifera* from Ceram (=*glauca*, Cram.) which has a more curved orange band on fore-wings, the band having a reddish patch at the lower end, and is bright blue on the wings towards the base; this species is dark, dull black without any cyaneous reflections on the wings.

2683. Milionia fulgida.

Milionia fulgida. Voll.: Tijd. voor Ent., 1863, p. 133, pl. 8, f. 4.
———— Roths.: Nov. Zool., ii. p. 496 (1895).

a. Java.

684. Milionia pulchrinervis.

Milionia pulchrinervis. Felder: Reise Nov. Lep., pl. 104, f. 6 ♀ (1868).
———— C. and S.: Cat. Moths of India, iv. 470. 3096 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 213.
———— Hmn.: Faun. Brit. Ind. Moths, iii. p. 312 (1895).
———— Roths.: Nov. Zool., ii. p. 497 (1895).
Milionia lativitta. Moore: P. Z. S., Lond., 1872, p. 570.
———— Cotes and Swinh.: l. c., 3095.

Type. Silhet, in coll. Rothschild.
Type (*lativitta*). Sikkim, in B. M.
a. Silhet.

2685. Milionia zonea.

Milionia zonea. Moore: P. Z. S., Lond., 1872, p. 569.
———— Journ. As. Soc., Beng., lv. (2), 1, p. 234 (1884).
———— C. and S.: Cat. Moths of India, iv. 470. 3098 (1888).
———— Roths.: Nov. Zool., ii. p. 494 (1895).
———— Hmn.: (part) Faun. Brit. Ind. Moths, iii. p. 313 (1895).

Type. N. E. Bengal, in B. M.
a. Assam (Jenkins). b. India.

2686. Milionia rawakensis.

Callimorpha rawakensis. Quoy and Gaimar: Frey. Voy. aut du monde, p. 518, pl. 83, f. 6 (1824).
Milionia rawakensis. Roths.: Nov. Zool., ii. p. 495 (1895).
Milionia flammula. Voll.: Tijd. voor Ent., 1863, p. 133, pl. 19, f. 2.
Bizarda optima. Walker: (part) xxxi. 163 (1864).
Milionia requina. Butler: Ann. Mag. N. H. (5), xii. p. 108 (1883).

Type (*requina*). Celebes, in B. M.
a. New Guinea (Wallace). b. Waigiu (3) (Wallace).

2687. Milionia optima.

Bizarda optima. Walker: xxxi. 163 (1864).

a. Mysol (type) (Wallace).

The New Guinea example in this Museum and the example from Waigiu in the B. M. (which has heretofore stood as the type of *optima*) are distinct, the latter equals *M. rawakensis*, Quoy and Gaimar=*flammula*, Voll.=*requina*, Butler.

Family **MONOCTENIIDÆ.**

Genus **GASTROPHORA.** Guen.: Phal., i. 187 (1857).

2688. Gastrophora henricaria.

Gastrophora henricaria. Guen.: l. c., pl. 21, f. 4.
——————— Phal., ii. p. 540 (1857).
——————— Walker: xxi. 284 (1860).
——————— Masters: Pr. Ent. Soc., N. S. W., 1863, p. 24.
——————— Meyrick: Proc. Linn. Soc., N. S. W., 1890, p. 1202.

a. New South Wales (2). b. Moreton Bay (4). c. New Holland.

Genus **ARHODIA.** Guen.: Phal., i. p. 185 (1857).
Nigasa. Walker, xxi. 287 (1860).

2689. Arhodia lasiocamparia.

Arhodia lasiocamparia. Guen.: l. c., p. 186.
——————— Walker: xxi. 282.
——————— Meyrick: (part) Proc. Linn. Soc., N. S. W., 1889, p. 1202.
Nigasa subpurpurea. Walker: xxi. 287.

Type (*subpurpurea*). Tasmania, in B. M.
a. New South Wales. b. Queensland.

2690. Arhodia obtusata.

Monoctenia obtusata. Walker: xxi. 279 ♀ (1860).
——————— Meyrick: Proc. Linn. Soc., N. S. W., 1890, p. 1207.
Arhodia obtusata. Warren: Nov. Zool., v. p. 9 ♂ (1898).
Monoctenia himeroides. Walker: xxi. 279 ♀.
Monoctenia excusata. Walker: xxi. 280 ♂.

Type. Moreton Bay, in B. M.
Type (*himeroides*). Tasmania, in B. M.
Type (*excusata*). Moreton Bay, in B. M.
a. Moreton Bay. b. New South Wales.

2691. Arhodia retractaria.

Arhodia retractaria. Walker: xxi. 282 (1860).
——————— Rosenstk.: Ann. Mag. N. H. (5), xvi. p. 428 (1885).
Arhodia semirosea. Walker: Trans. Ent. Soc., Lond. (3), i. p. 267 (1862).
Arhodia lasiocamparia. Meyrick: (part) Trans. Linn. Soc., N. S. W., 1889, p. 1202.

Type. Moreton Bay, in B. M.
a. Australia (2). b. New South Wales (2). c. Moreton Bay (type ♀ *semirosea*). d. Queensland. e. New Holland.

Genus **PHALLARIA.** Guen.: Phal., i. p. 186 (1857).

2692. Phallaria quaternaria.

Œnochroma quaternaria. Herr. Schäff.: Auss. Schm., f. 541 (1854).

Phallaria ophiusaria. Guen.: l. c.
———— Walker: xxi. 283 (1860).
———— Meyrick: Proc. Linn. Soc., N. S. W., 1890, p. 1203.

a. Australia. b. Queensland.

GENUS **ONYCODES.** Guen.: Phal., i. p. 142 (1857).

2693. Onycodes lutosaria.

Arhodia (?) *lutosaria.* Felder: Reise Nov. Lep., pl. 124, f. 15, 16 (1874).
Onycodes lutosaria. Meyrick: Proc. Linn. Soc., N. S. W., 1890, p. 1200.
Arhodia (?) *lutosaria, var. punicea.* Felder: l. c., f. 17, 17 *a*.

Type. Melbourne, in coll. Rothschild.
Type (*punicea*). North Australia, in coll. Rothschild.
a. New South Wales. b. New South Wales (*var. punicea*) (2).

GENUS **MONOCTENIA.** Guen.: Phal., i. p. 183 (1857).
Œnochroma. Guen.: l. c., p. 184.

2694. Monoctenia falernaria.

Monoctenia falernaria. Guen.: l. c.
———— Meyrick: Proc. Linn. Soc., N. S. W., 1890, p. 1208.
———— Lower: Trans. Roy. Soc., S. Austral., xv. p. 8 (1892).
Monoctenia salernaria (sic). Walker: xxi. 279 (1860).
Monoctenia fraternaria. Guen.: l. c., pl. 7, f. 3.
Monoctenia smerintharia. Felder: Reise Nov. Lep., pl. 124, f. 18, 19 (1874).
———— Meyrick: l. c.

Type (*smerintharia*). South Australia, in coll. Rothschild.
a. New South Wales (3). b. Queensland. c. Van Diemen's Land (3). d. New Holland.

2695. Monoctenia vinaria.

Œnochroma vinaria. Guen.: Phal., i. p. 185, pl. 7, f. 2 (1857).
———— Ann. Soc. Ent. Fr., iv. (4), p. 14, pl. 1, f. 1 (1864).
———— Walker: xxi. 281 (1860).
Monoctenia vinaria. Meyrick: (part) Proc. Linn. Soc., N. S. W., 1889, p. 1206.
———— Lower: Trans. Roy. Soc., S. Austral., xv. p. 8 (1892).

a. Queensland. b. New South Wales. c. New Holland.

GENUS **HYPOGRAPHA.** Guen.: Phal., i. p. 189 (1857).

2696. Hypographa phlegetonaria.

Hypographa phlegetonaria. Guen.: l. c., p. 190, pl. 19, f. 2.
———— Walker: xxi. 286 (1860).
———— Meyrick: Proc. Linn. Soc., N. S. W., 1890, p. 1212.

a. Australia (2). b. New South Wales.

GENUS **SARCINODES**. Guen.: Phal., i. p. 188 (1857).
Mergana. Walker: xxi. 292 (1860).
Auxima. Walker: xxvi. 1526 (1862).

2697. Sarcinodes restitutaria.

Auxima restitutaria. Walker: xxvi. 1527.
Mergana restitutaria. Moore: P. Z. S., Lond., 1867, p. 624.
Sarcinodes restitutaria. Butler: Ill. Typ. Lep. Het., B. M., vi. p. 59, pl. 115, f. 1, 2 (1886).
——————— C. and S.: Cat. Moths of India, iv. 490. 3239 (1888).
——————— Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 166.
——————— Hmn.: Faun. Brit. Ind. Moths, iii. p. 315 (1895).
——————— Leech: Ann. Mag. N. H. (6), xix. p. 543 (1897).
Auxima sumatraria. Walker: xxxv. 1577 (1866).
Auxima restitutaria, var. ægrota. Butler: Ann. Mag. N. H. (5), vi. p. 125 (1880).
Sarcinodes ægrota. Butler: Ill. Typ. Lep. Het., B. M., vi. p. 60, pl. 115, f. 3, 4 (1886).
——————— Cotes and Swinh.: l. c., 489. 3234.

Type. Darjiling, in B. M.
Type (*ægrota*). Darjiling, in B. M.
a. India (3). b. Sumatra (type *sumatraria*) (Wallace). c. Borneo.

2698. Sarcinodes debitaria.

Auxima debitaria. Walker: xxvi. 1527 (1862).
Mergana debitaria. Moore: P. Z. S., Lond., 1867, p. 624.
Sarcinodes debitaria. Butler: Ill. Typ. Lep. Het., B. M., vi. p. 60, pl. 114, f. 1, 2 (1886).
——————— C. and S.: Cat. Moths of India, iv. 489. 3227 (1888).
——————— Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 167.
——————— Hmn.: Faun. Brit. Ind. Moths, iii. p. 316 (1895).

Type. Darjiling, in B. M.
a. India (2). b. Sumatra (Wallace).

2699. Sarcinodes lilacina.

Sarcinodes lilacina. Moore: Descr. Ind. Lep. Atk., p. 234 (1888).
——————— C. and S.: Cat. Moths of India, iv. 489. 3238 (1888).
——————— Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 167.
——————— Hmn.: (part) Faun. Brit. Ind. Moths, iii. p. 316 (1895).

Type. Cherra Punji, in coll. Staudinger.
a. Khasia Hills.

2700. Sarcinodes susana.

Sarcinodes susana. Swinhoe: Trans. Ent. Soc., Lond., 1891, p. 488; 1894, p. 167.
Sarcinodes lilacina. Hmn.: (part) Faun. Brit. Ind. Moths, iii. p. 316 (1895).

Type. Khasia Hills, in B. M.
a. Khasia Hills.

Quite distinct from *lilacina*. I have many examples.

2701. Sarcinodes æquilinearia.

Mergana æquilinearia. Walker: xxi. 292 (1860).
———— Moore: P. Z. S., Lond., 1867, p. 624.
Sarcinodes æquilinearia. C. and S.: Cat. Moths of India, iv. 489. 3235 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 167.
———— Hmn.: Faun. Brit. Ind. Moths, iii. p. 316 (1895).
———— Leech: Ann. Mag. N. H. (6), xix. p. 544 (1897).
Sarcinodes equilinearia. Butler: Ill. Typ. Lep. Het., B. M., vi. p. 60, pl. 115, f. 5, 6 (1886).
Auxima trilineata. Walker: xxxv. 1576 (1866).

Type. Silhet, in B. M.
Type (*trilineata*). Darjiling, in B. M.
a. India (2).

Genus **EPIDESMIA.** Westw.: Duncan's Nat. Hist. Library, xxxvii. Exot. Moths, p. 220 (1841).

2702. Epidesmia tricolor.

Epidesmia tricolor. Westw.: l. c., pl. 28, f. 1.
———— Meyrick: Proc. Linn. Soc., N. S. W., 1890, p. 1160.
Panagra tricolor. Walker: xxiii. 992 (1861).

a. New South Wales (type).

2703. Epidesmia tryxaria.

Panagra tryxaria. Guen.: Phal., ii. 128. 1124 (1857).
———— Walker: xxiii. 992 (1861).
———— Butler: Ann. Mag. N. H. (5), ix. p. 92 (1882).
Epidesmia tryxaria. Meyrick: Proc. Linn. Soc., N. S. W., 1890, p. 1164.

a. Australia. b. Queensland. c. New South Wales.

Genus **ANTASIA.** Warren: Nov. Zool., i. p. 366 (1894).
Darantasia. Walker: xxvi. 1743 (1862) (præocc.).

2704. Antasia flavicapitata.

Tephrina flavicapitata. Guen.: Phal., ii. 98. 1075 (1857).
Darantasia flavicapitata. Meyrick: Proc. Linn. Soc., N. S. W., 1890, p. 1152.
Tephrina capitata ♀. Walker: xxiii. 965 (1861).
Panagra tryxaria ♂. Walker (nec Guen.): xxiii. 992.
Darantasia mundiferaria ♂. Walker: xxvi. 1743.

Type (*capitata*). Tasmania, in B. M.
Type (*mundiferaria*). South Australia, in B. M.

a. New South Wales (2). b. Van Diemen's Land (4 ♀).

Genus **NEARCHA.** Meyrick: Proc. Linn. Soc., N. S. W., 1890, p. 1152.

2705. Nearcha curtaria.

Panagra curtaria. Guen.: Phal., ii. 129. 1129 (1857).

Panagra curtaria. Walker : xxiii. 994 (1861).
Nearcha curtaria. Meyrick : l. c., p. 1158.
Panagra corrogata. Walker : xxiii. 997.

Type (*corrogata*). Tasmania, in B. M.

a. Van Diemen's Land (2). b. New South Wales.

2706. Nearcha subcelata.

Panagra subcelata. Walker : xxiii. 997 (1861).
Nearcha subcelata. Meyrick : Proc. Linn. Soc., N. S. W., 1890, p. 1157.
Panagra sparsularia. Walker : (part) xxiii. 995.

Type. Australia, in B. M.

a. New South Wales.

2707. Nearcha (?) ursaria.

Panagra ursaria. Guen. : Phal., ii. 129. 1128 (1857).
———— Walker : xxiii. 993 (1861).
Nearcha ursaria. Warren : Nov. Zool., i. p. 366 (1894).
Panagra buffalaria. Walker (nec Guen.) : xxiii. 993.
Nearcha buffalaria. Meyrick : (part) Proc. Linn. Soc., N.S.W., 1890, p. 1154.

a. Australia.

With its large tufts of hairs on the central veins of the hind-wings below, this might have a new generic name.

GENUS **TAXEOTIS.** Meyrick : Proc. Linn. Soc., N. S. W., 1890, p. 1140.

2708. Taxeotis intermixtaria.

Panagra intermixtaria. Walker : xxiii. 1000 (1861).
———— Rosenstk. : Ann. Mag. N. H. (5), xvi. p. 431 (1885).
Taxeotis intermixtaria. Meyrick : l. c., p. 1149.
Panagra promelanaria. Walker : xxvi. 1666 (1862).

Type. Australia, in B. M.

Type (*promelanaria*). New Zealand, in B. M.

a. Australia.

2709. Taxeotis subvelaria.

Panagra subvelaria. Walker : xxiii. 1000 (1861).
Taxeotis subvelaria. Meyrick : Proc. Linn. Soc., N. S. W., 1890, p. 1214.

a. Van Diemen's Land (type).

2710. Taxeotis inconcisata.

Panagra inconcisata. Walker : xxiii. 1003 (1861).
Taxeotis intextata. Meyrick : (part) Proc. Linn. Soc., N.S.W., 1890, p. 1147.

Type. Australia, in B. M.

a. Van Diemen's Land.

2711. Taxeotis delogramma.

Taxeotis delogramma. Meyrick : Proc. Linn. Soc., N. S. W., 1890, p. 1146.

a. Van Diemen's Land.

GENUS **DICHROMODES**. Guen.: Phal., i. p. 320 (1857).

2712. Dichromodes ainaria.

Dichromodes ainaria. Guen.: l. c., 321. 504, pl. 3, f. 5.
———— Walker: xxi. 475 (1860).
———— Meyrick: Proc. Linn. Soc., N. S. W., 1890, p. 1170.
———— Lower: Trans. Roy. Soc., S. Australia, xv. p. 9 (1892).
Dichromodes divergentaria. Guen.: l. c., 505.
———— Walker: xxi. 476.
Cidaria metaxanthata. Walker: xxvi. 1734 (1862).
Dasyuris metaxanthata. Butler: Ann. Mag. N. H. (5), ix. p. 93 (1882).
———— Rosenstk.: Ann. Mag. N. H. (5), xvi. p. 431 (1885).

Type (*metaxanthata*). Tasmania, in B. M.

a. Van Diemen's Land (2).

2713. Dichromodes stilbiata.

Liodes stilbiata. Guen.: Phal., ii. 120. 1114 (1857).
———— Walker: xxiii. 979 (1861).
Dichromodes stilbiata. Meyrick: Proc. Linn. Soc., N. S. W., 1890, p. 1192.
———— Lower: Trans. Roy. Soc., S. Austral., xv. p. 9 (1892).
Panagra plusiata. Walker: xxiii. 1007.
Coremia (?) *plusiata.* Butler: Ann. Mag. N. H. (5), ix. p. 95 (1882).

Type (*plusiata*). Australia, in B. M.

a. Australia. b. New South Wales.

2714. Dichromodes confluaria.

Panagra confluaria. Guen.: Phal., ii. 131. 1134, pl. 7, f. 8 (1857).
———— Walker: xxiii. 995 (1861).
Gorytodes confluaria. Butler: Ann. Mag. N. H. (5), ix. p. 93 (1882).
Dichromodes confluaria. Meyrick: Proc. Linn. Soc., N. S. W., 1890, p. 1193.

a. Van Diemen's Land. b. New Holland.

2715. Dichromodes euscia.

Dichromodes euscia. Meyrick: Proc. Linn. Soc., N. S. W., 1890, p. 1185.

a. Van Diemen's Land. b. New Holland.

2716. Dichromodes estigmaria.

Panagra estigmaria ♀. Walker: xxiii. 1001 (1861).
Dichromodes estigmaria. Meyrick: Proc. Linn. Soc., N. S. W., 1890, p. 1188.
Panagra costinotata ♂. Walker: xxiii. 1001.
Acidalia (?) *schistacearia.* Walker: xxvi. 1609 (1862).

Type. Sydney, in B. M.
Type (*costinotata*). Sydney, in B. M.
Type (*schistacearia*). Australia, in B. M.

a. New South Wales ♂ ♀.

2717. Dichromodes ornata.

Panagra ornata. Walker: xxiii. 1004 (1861).

Dichromodes ornata. Meyrick: Proc. Linn. Soc., N. S. W., 1890, p. 1189.

Type. Australia, in B. M.

a. New South Wales. b. Queensland.

FAMILY **ORTHOSTIXIDÆ.**

GENUS **CELERENA.** Walker: Trans. Ent. Soc., Lond. (3), i. p. 72 (1862).

2718. Celerena divisa.

Celerena divisa. Walker: l. c.
———— xxxi. 166 (1864).
———— Moore: P. Z. S., Lond., 1867, p. 679.
———— Butler: P. Z. S., Lond., 1876, p. 768.
———— Ill. Typ. Lep. Het., B. M., vi. p. 48, pl. 113, f. 1 (1886).
———— C. and S.: Cat. Moths of India, iv. 471. 3100 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 168.
———— Hampson: Faun. Brit. Ind. Moths, iii. p. 320 (1895).

a. Cambodia, Siam (type) (Mouhot). b. Silhet. c. India (2) (Ashmol. Mus.).

2719. Celerena andamana.

Celerena andamana. Felder: Reise Nov. Lep., pl. 130, f. 18 (1874).
———— Moore: P. Z. S., Lond., 1877, p. 600.
———— Butler: P. Z. S., Lond., 1883, p. 168.
———— C. and S.: Cat. Moths of India, iv. 471. 309 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 203.
———— Hampson: Faun. Brit. Ind. Moths, iii. p. 320 (1895).

Type. Andaman Islands, in coll. Rothschild.

a. Port Blair (2).

2720. Celerena commutata.

Celerena commutata. Walker: xxxi. 167 (1864).

a. Aru (type) (Wallace).

2721. Celerena lerne.

Callimorpha lerne. Boisd.: Voy. de l'Astrolabe, pl. 3, f. 2 (1832).
Celerena lerne. Walker: xxxi. 166 (1864).
———— Kirsch.: Mitth. Dresd. Mus., p. 132 (1877).
Celerena lerna. Pag.: J. B. Nass. Ver., 1886, p. 162.
Celerena bimarginata. Walker: MS.

a. New Guinea (Wallace). b. Dorey (Wallace). c. Mysol (Wallace). d. Without locality.

2722. Celerena connexa.

Celerena connexa. Walker: xxxi. 168 (1864).
Celerena vulgaris. Butler: P. Z. S., Lond., 1867, p. 768.

Type (*vulgaris*). New Guinea, in B. M.

a. Amboina (type) (Wallace). b. Batchian (Wallace).

2723. Celerena perithea.

Phalæna-Noctua perithea. Cram.: Pap. Exot., ii. p. 116, pl. 172, f. D (1779).
Celerena perithea. Pag.: J. B. Nass. Ver., 1888, p. 183.
———— Rober.: Tijd. voor Ent., xxxiv. p. 332 (1891).
———— Pag.: Abh. Senck. Ges., 1897, p. 459.

a. Ceram (4) (Wallace).

2724. Celerena mutata.

Celerena mutata. Walker: xxxi. 167 (1864).
———— Kirsch.: Mitth. Dresd. Mus., p. 132, pl. 7, f. 7 (1877).
———— Pag.: J. B. Nass. Ver., 1886, p. 163.
———— Meyrick: Proc. Linn. Soc., N. S. W., 1886, p. 246.

a. Mysol (type) (Wallace).

2725. Celerena spreta.

Celerena spreta. Walker: xxxi. 169 (1864).
Celerena chrysauge. Felder: Reise Nov. Lep., pl. 130, f. 20 (1874).

Type (*chrysauge*). Gebeh, in coll. Rothschild.

a. Batchian (type ♀) (Wallace). b. Gilolo 2 ♂ (Wallace).

2726. Celerena eucnemis.

Celerena eucnemis. Felder: Reise Nov. Lep., pl. 130, f. 30 (1874).

Type ♂. Celebes, in coll. Rothschild.

a. Dorey (Wallace).

2727. Celerena proxima.

Celerena proxima. Walker: xxxi. 168 (1864).

a. Makian, Celebes (type) (Wallace).

GENUS **BYTHARIA.** Walker: xxxi. 195 (1864).

2728. Bytharia marginata.

Bytharia marginata. Walker: xxxi. 195.

a. Ceram (type ♀) (Wallace).

GENUS **BOCIRAZA.** Walker: xxxi. 194 (1864).

2729. Bociraza recurvata.

Bociraza recurvata. Walker: xxxi. 194.
———— Roths.: Nov. Zool., iv. p. 512 (1897).
Milionia flavotogata. Pag.: Ent. Nachr., 1896, p. 53.
———— Abh. Senck. Nat. Ges., 1897, p. 457, pl. 19, f. 5.

a. Batchian (type ♀) (Wallace). b. Gilolo ♀ (Wallace).

GENUS **ALEX.** Walker: xxvi. 1753 (1862).

Orgalima. Walker: xxxv. 1616 (1866).

Gamoruna. Moore: Descr. Ind. Lep. Atk., p. 265 (1888).

2730. Alex palparia.

Panagra palparia. Walker: xxiii. 988 ♀ (1861).

Gamoruna palparia. Moore: l. c.
———— C. and S.: Cat. Moths of India, iv. 547. 3686 (1888).
Alex palparia. Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 184.
Alex nigrozonata. Walker: xxvi. 1754 ♂.
———— Hmn.: (part) Faun. Brit. Ind. Moths, iii. p. 323 (1895).
Alex indica. Warren: Nov. Zool., i. p. 368 (1894).
ab. obsoleta. Warren: l. c.

Type (*palparia*). India, in B. M.
Types (*indica* and *obsoleta*). Khasia Hills, in coll. Rothschild.

2731. Alex continuaria.

Orgalima continuaria. Walker: xxxv. 1617 (1866).

a. Morty (type ♀) (Wallace). b. Ceram (type ♂) (Wallace). c. Mysol ♂ (Wallace).

GENUS **MONOTAXIA.** Warren: Nov. Zool., i. p. 370 (1894).
Canonistis. Meyrick: Trans. Ent. Soc., Lond., 1897, p. 74.

2732. Monotaxia rectilineata.

Cassyma rectilineata. Guen.: Phal., ii. 18. 920 (1854).
———— Walker: xxiii. 812 (1861).
Monotaxia rectilineata. Warren: l. c.
Canonistis rectilineata. Meyrick: l. c.
Nadagara (?) *microneata.* Walker: xxiv. 1096 (1862).
Panagra rarata. Walker: xxvi. 1662 (1862).

a. Sarawak, Borneo (type ♂ *microneata*) (Wallace). b. Sarawak (type ♀ *rarata*) (Wallace). c. Singapore (Wallace). d. Singapore (Horsley).

GENUS **NOREIA.** Walker: xxiv. 1092 (1862).

2733. Noreia perdensata.

Noreia perdensata. Walker: xxiv. 1092.
———— Hampson: Faun. Brit. Ind. Moths, iii. p. 324 (1895).
Decetia unilineata. (♂ from Celebes only) Walker: xxxv. 1557 (1866).
Noreia ajaia. C. and S.: (part) Cat. Moths of India, iv. 488. 3229 (1888).

Type. Ceylon, in B. M.
a. Makessar, Celebes (co-type *unilineata*) (Wallace).

2734. Noreia unilineata.

Decetia unilineata. Walker: (♂ from Sumatra only) xxxv. 1557 (1866).
Decetia mœstaria. Walker: xxxv. 1558 ♀.

a. Sumatra (type ♂) (Wallace). b. Sumatra (type ♀ *mœstaria*) (Wallace). c. ♂ Without locality.

The ♂ *unilineata* from Celebes, referred to by Walker, is = *N. perdensata.*

2735. Noreia ajaia.

Timandra ajaia. Walker: Journ. Linn. Soc., Lond., iii. p. 195 (1859).
———— xxiii. p. 801 (1861).

Noreia ajaia. Moore : Lep. Ceylon, iii. p. 46, pl. 185, f. 3 (1884).
———— C. and S. : Cat. Moths of India, iv. 488. 3229 (1888).
———— Swinhoe : Trans. Ent. Soc., Lond., 1890, p. 206 ; 1894, p. 167.
———— Hampson : Ill. Typ. Lep. Het., B. M., ix. 34. 879 (1893).

a. Singapore (type) (Wallace).

Smaller than *perdensata*, the sexual tuft of hairs near abdominal margin of hind-wings much more limited.

Genus **EUMELEA.** Westw. : Duncan's Nat. Hist. Libr., xxxii. Exot. Moths, p. 215 (1841).

2736. Eumelea rosalia.

Phalæna (*Geometra*) *rosalia.* Cram. : Pap. Exot., iv. p. 152, pl. 368, f. F (1782).
Phalæna rosalia. Fabr. : Ent. Syst., iii. (2), 175. 164 (1793).
Eumelea rosalia. Walker : xxii. 610 (1861).
———— Moore : P. Z. S., Lond., 1867, p. 640 ; 1878, p. 851.
———— Journ. As. Soc., Beng., lv. (2), p. 99 (1886).
———— C. and S. : Cat. Moths of India, iv. 528. 3545 (1888).
———— Swinhoe : Trans. Ent. Soc., Lond., 1894, p. 167.
———— Hmn. : (part) Faun. Brit. Ind. Moths, iii. p. 320 (1895).
———— Leech : Ann. Mag. N. H. (6), xix. p. 544 (1897).
Eumelea rosaliata. Guen. : Phal., i. 392. 626 (1857).
Ametris punicearia. Hübn. : Verz., 303. 2924 (1816).

a. Assam. b. Cambodia, Siam (2) (Mouhot). c. Singapore (2) (Wallace). d. Sarawak, Borneo (Wallace). e. Dorey (Wallace). f. Morty (Wallace). g. Ceram (Wallace). h. Ké (Wallace). i. New Guinea (Wallace).

2737. Eumelea ludovicata.

Eumelea ludovicata. Guen. : Phal., i. 393. 629 (1857).
———— Walker : xxii. 610 (1861).
———— Moore : P. Z. S., Lond., 1877, p. 621.
———— Lep. Ceylon, iii. p. 439, pl. 198, f. 1, 1*a* ♂ ♀ (1887).
———— C. and S. : Cat. Moths of India, iv. 528. 3544 (1888).
———— Hmn. : Ill. Typ. Lep. Het., B. M., viii. 28. 793 (1891).
Eumelea rosalia. Westw. (nec Cram.) : Duncan's Nat. Hist. Libr., xxxii. Exot. Moths, p. 215, pl. 29, f. 4 (1841).

a. Singapore (Wallace). b. Borneo (2). c. Goram (Wallace). d. Ceram (Wallace). e. Mysol (Wallace). f. Ceylon (2) (Thwaites).

2738. Eumelea præusta.

Eumelea præusta. Warren : Nov. Zool., iii. p. 358 (1896).

Type. Batchian, in coll. Rothschild.
a. Batchian (Wallace).

2739. Eumelea obesata.

Eumelea obesata. Felder : Reise Nov. Lep., pl. 127, f. 34 (1874).

Type. Luzon, in coll. Rothschild.
a. Manilla.

2740. Eumelea aureliata.

Eumelea aureliata. Guen.: Phal., i. 394. 631, pl. 22, f. 6 (1857).
———— Walker: xxii. 611 (1861).
———— Moore: P. Z. S., Lond., 1867, p. 640.
———— Hoppfer: Stett. ent. Zeit., 1874, p. 47.
———— Snellen: Tijd. voor Ent., xxiv. p. 79 (1881).
———— Pag.: J. B. Nass. Ver., 1884, p. 283.
———— Weymer: Stett. ent. Zeit., 1885, p. 279.
———— Moore: Lep. Ceylon, iii. p. 440, pl. 198, f. 4, 4 *a* ♂ ♀ (1887).
———— C. and S.: Cat. Moths of India, iv. 527. 3539 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 209; 1894, p. 167.
———— Hmn.: Ill. Typ. Lep. Het., B. M., viii. 28. 792 (1891).
———— Faun. Brit. Ind. Moths, iii. p. 321 (1895).

a. Siam (Mouhot). b. Celebes. c. Borneo. d. Sula (Wallace). e. Ké (Wallace). f. Timor (Wallace). g. Mysol (Wallace). h. Ceylon (3) (Thwaites).

2741. Eumelea obliquifascia.

Eumelea obliquifascia. Warren: Nov. Zool., i. p. 375 (1894).

Type. Amboina, in coll. Rothschild.

a. Ceram (Wallace). b. N. Australia.

2742. Eumelea vulperaria.

Phalæna (Geometra) vulperaria. Cram.: Pap. Exot., iv. p. 245, pl. 400, f. O, P (1782).
Eumelea vulperaria. C. and S.: Cat. Moths of India, iv. 528. 3546 (1888).
———— Hmn.: Ill. Typ. Lep. Het., B. M., viii. 28. 794 (1891).
Ametris vulpenaria. Hübn.: Verz., 303. 2923 (1816).
Eumelea vulpenaria. Guen.: Phal., i. 393. 630 (1857).
———— Walker: xxii. 611 (1861).
———— Moore: Lep. Ceylon, iii. p. 439, pl. 198, f. 2 ♂ (1887).
Phalæna gravidata. Fabr.: Ent. Syst., iii. (2), 175. 163 (1794).
Eumelea rosalia. Walker: (part) xxii. 609.

a. Singapore (Horsley).

2743. Eumelea algidaria.

Eumelea algidaria. Walker: xxxv. 1616 (1866).

a. Mysol (type) (Wallace).

Genus **LYRCEA.** Walker: xx. 259 (1860).

2744. Lyrcea achroiaria.

Amilapis (?) *achroiaria.* Felder: Reise Nov. Lep., pl. 123, f. 6 (1875).
Lyrcea varians. Butler: Cist. Ent., ii. p. 496 (1879).
Lyrcea alectoraria. Meyrick: (part) Trans. N. Zeal. Inst., 1883, p. 95.

Type. New Zealand, in coll. Rothschild.

Type (*varians*). New Zealand, in B. M.

a. North Island, New Zealand.

GENUS **NAXA**. Walker: vii. 1742 (1856).

2745. Naxa textilis.

Naxa textilis. Walker: vii. 1743.
———— Moore: Journ. As. Soc. Beng., liii. (2), p. 3 (1884).
———— C. and S.: Cat. Moths of India, iv. 555. 3746 (1888).
———— Hmn.: (part) Ill. Typ. Lep. Het., B. M., viii. 30. 850 (1891).
———— Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 168.
———— Hampson: (part) Faun. Brit. Ind. Moths, iii. p. 324 (1895).
Bombycodes cypraria. Guen.: Phal., ii. 219. 1283 (1857).
———— Walker: xxiv. 1134 (1862).

Type. Silhet, in B. M.

a. Silhet. b. India (3). c. Tenasserim (Ward). d. India (Ashmol. Mus.).

GENUS **DERXENA**. Walker: xxxv. 1615 (1866).

2746. Derxena cœlivagata.

Derxena cœlivagata. Walker: xxxv. 1615.
———— Meyrick: Trans. Ent. Soc., Lond., 1886, p. 200.
Acidalia nivea (*ab*). Kirsch: Mitth. Dresd. Mus., p. 134, pl. 7, f. 10 (1877).
Derxena discata (*ab*). Warren: Nov. Zool., iv. p. 206 (1897).

Type (*discata*). Etna Bay, N. Guinea, in coll. Rothschild.

a. Aru (type) (Wallace). b. Batchian (Wallace). c. Mysol (Wallace). d. New Guinea (Wallace).

Meyrick's reference is to Kirsch's aberration.

GENUS **RAMBARA**. Moore: Lep. Ceylon, iii. p. 458 (1887).

2747. Rambara saponaria.

Zanclopteryx saponaria. Guen.: Phal., ii. 16. 915 (1857).
———— Walker: (part) xxiii. 810 (1861).
———— Moore: P. Z. S., Lond., 1877, p. 622.
———— Snellen: Tijd. voor Ent., xxiv. p. 83 (1881).
———— Moore: Journ. Linn. Soc., Lond., Zool., xxi. p. 57 (1886).
Rambara saponaria. C. and S.: Cat. Moths of India, iv. 581. 3964 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 213.
———— Hampson: Faun. Brit. Ind. Moths, iii. p. 326 (1895).
Zanclopteryx fragilis. Butler: P. Z. S., Lond., 1880, p. 687.

Type (*fragilis*). Formosa, in B. M.

a. Ceylon (2) (Thwaites).

2748. Rambara melagonata.

Zanclopteryx melagonata. Walker: xxvi. p. 1619 (1862).
Zanclopteryx zincaria. Walker (nec Guen.): xxiii. p. 810 (1861).
Zanclopteryx saponaria. Walker: (part) xxvi. p. 1618.

Type. Ceram, in B. M.

a. Mysol (Wallace). b. N. Guinea (Wallace). c. Ceram (Wallace).

2749. Rambara lumenaria.

Arrhostia lumenaria. Hübn.: Geyer, Zutr., iv. p. 35, f. 757, 758 (1837).
Acidalia lumenaria. Guen.: Phal., i. 488. 840 (1857).
———— Walker: xxii. 720 (1861).
———— Snellen: Tijd. voor Ent., xxxv. p. 20 (1892).
Rambara luminaria. Hampson: (part) Faun. Brit. Ind. Moths, iv. App. p. 556 (1896).
———— (part) Journ. Bo. Nat. Hist. Soc., xi. (4), p. 724 (1898).
Zanclopteryx saponaria. Walker: (part) xxiii. 810 (1861).
Rambara saponaria. Moore (nec Guen.): Lep. Ceylon, iii. p. 459, pl. 203, f. 8 (1887).
Zanclopteryx zincaria. Snellen (nec Guen.): Tijd. voor Ent., xx. p. 76 (1877); xxiv. p. 83 (1881).
———— Pag. (nec Guen.): J. B. Nass. Ver., 1884, p. 255.
Rambara ochreicostalis. Hampson: Ill. Typ. Lep. Het., B. M., ix. p. 150, pl. 169, f. 21 (1893).
———— Faun. Brit. Ind. Moths, iii. p. 326 (1895).

Type (*ochreicostalis*). Ceylon, in B. M.

a. Mysol (2) (Wallace). b. Sarawak, Borneo (Wallace). c. Singapore (Wallace). d. Ceylon (2). e. India (2). f. Barrackpur.

2750. Rambara zincaria.

Zanclopteryx zincaria. Guen.: Phal., ii. p. 16 (1857).
Zanclopteryx guttilinea. Walker: xxxv. 1635 (1866).

a. Flores (type *guttilinea*) (Wallace).

2751. Rambara satelliata.

Zanclopteryx satelliata. Walker: xxxv. 1636 (1866).
Rambara satelliata. Hampson: Faun. Brit. Ind. Moths, iii. p. 327 (1895).
Rambara dentifera. Moore: Descr. Ind. Lep. Atk., p. 256 (1888).
———— C. and S.: Cat. Moths of India, iv. 581. 3962 (1888).
Rambara efila. Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 168.

Type (*dentifera*). Darjiling, in coll. Staudinger.
Type (*efila*). Cherra Punji, in B. M.

a. Sula (type) (Wallace).

2752. Rambara zanclopterata.

Acidalia (?) *zanclopterata.* Walker: xxvi. 1609 (1862).

a. Sarawak, Borneo (type) (Wallace).

Genus **OZOLA.** Walker: xxiv. 1080 (1861).
Carima. Walker: xxvi. 1630 (1862).
Zarmigethusa. Walker: xxvi. 1637.
Tosaura. Swinhoe: Trans. Ent. Soc., Lond., 1892, p. 15.

2753. Ozola macariata.

Zarmigethusa macariata. Walker: xxvi. 1637.
Desmobathra macariata. Meyrick: Trans. Ent. Soc., Lond., 1889, p. 482.
Ozola macariata. Hampson: Faun. Brit. Ind. Moths, iii. p. 328 (1895).

Macaria elongaria. Snellen : Tijd. voor Ent., 1881, p. 86, pl. 10, f. 3.
———— Pag. : J. B. Nass. Ver., 1884, p. 259.

Type. Ceram, in B. M.
a. Ceram (2) (Wallace). b. Mysol.

2754. Ozola extersaria.

Macaria extersaria. Walker : xxiii. 926 (1861).
Zarmigethusa extersaria. C. and S. : Cat. Moths of India, iv. 543. 3659 (1888).
Ozola extersaria. Swinhoe : Trans. Ent. Soc., Lond., 1894, p. 167.
———— Hampson : Faun. Brit. Ind. Moths, iii. p. 328 (1895).

Type. India, in B. M.
a. Nilgiri Hills.

2755. Ozola impedita.

Acidalia impedita. Walker : xxiii. 766 (1861).
Zarmigethusa biangulifera. Moore: Descr. Ind. Lep. Atk., p. 263 (1888).
———— C. and S. : Cat. Moths of India, iv. 543. 3658 (1888).
Ozola biangulifera. Swinhoe : Trans. Ent. Soc., Lond., 1894, p. 168.
———— Hampson : Faun. Brit. Ind. Moths, iii. p. 329 (1895).

Type (*biangulifera*). Darjiling, in coll. Staudinger.
a. Sarawak, Borneo (type) (Wallace).

2756. Ozola basisparsata.

Carima basisparsata. Walker : xvi. 1631 (1862).
Ozola basisparsata. Warren : Nov. Zool., vi. p. 15 (1899).

a. Sarawak, Borneo (type) (Wallace).

2757. Ozola falcipennis.

Metabraxas falcipennis. Moore : Descr. Ind. Lep. Atk., p. 266, pl. 8, f. 29 (1888).
———— C. and S. : Cat. Moths of India, iv. 552. 3724 (1888).
Tosaura falcipennis. Swinhoe : Trans. Ent. Soc., Lond., 1892, p. 16; 1894, p. 169.
Ozola falcipennis. Hampson : Faun. Brit. Ind. Moths, iii. p. 327 (1895).

Type. Khasia Hills, in coll. Staudinger.
a. Khasia Hills (2).

2758. Ozola picaria.

Tosaura picaria. Swinhoe : Trans. Ent. Soc., Lond., 1892, p. 16, pl. 1, f. 16; 1894, p. 169.
Ozola picaria. Hampson : Faun. Brit. Ind. Moths, iii. p. 327 (1895).

Type. Khasia Hills, in B. M.
a. Khasia Hills (2).

Family **LARENTIIDÆ.**

Genus **NAXIDIA.** Hampson : Faun. Brit. Ind. Moths, iii. p. 334 (1895).

2759. Naxidia irrorata.

Argidava irrorata. Moore : Descr. Ind. Lep. Atk., p. 251 (1888).

Argidava irrorata. C. and S.: Cat. Moths of India, iv. 534. 3591 (1888).
Naxidia irrorata. Hampson: l. c., p. 335.

Type. Darjiling, in coll. Staudinger.
a. Sikkim.

GENUS **CRYPTOLOBA.** Warren: P. Z. S., Lond., 1893, p. 343.

2760. Cryptoloba cinerea.

Lygranoa cinerea. Butler: Ann. Mag. N. H. (5), vi. p. 228 (1880).
———— Ill. Typ. Lep. Het., B. M., vi. p. 86, pl. 120, f. 4 (1886).
———— C. and S.: Cat. Moths of India, iv. 561. 3805 (1888).
Cryptoloba cinerea. Hmn.: Faun. Brit. Ind. Moths, iii. p. 337 (1895).
———— Leech: Ann. Mag. N. H. (6), xix. p. 549 (1897).

Type. Darjiling, in B. M.
a. Darjiling.

GENUS **LYGRANOA.** Butler: Ann. Mag. N. H. (5), i. p. 402 (1878).

2761. Lygranoa fusca.

Lygranoa fusca. Butler: l. c., p. 447.
———— Ill. Typ. Lep. Het., B. M., iii. p. 54, pl. 54, f. 7 (1879).
———— Meyrick: Trans. Ent. Soc., Lond., 1892, p. 64.
———— Leech: Ann. Mag. N. H. (6), xix. p. 548 (1897).

Type. Yokohama, in B. M.
a. Yokohama ♂ ♀.

GENUS **GONIOPTEROLOBA.** Hampson: Faun. Brit. Ind. Moths, iii. p. 339 (1895).

2762. Goniopteroloba zalska.

Carige zalska. Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 185.
Goniopteroloba zalska. Hampson: l. c.

Type. Cherra Punji, in B. M.
a. Khasia Hills (2).

GENUS **CARIGE.** Walker: xxvi. 1631 (1862).

2763. Carige cruciplaga.

Macaria (?) cruciplaga. Walker: xxiii. 937 (1861).
Carige cruciplaga. Hmn.: (part) Faun. Brit. Ind. Moths, iii. p. 340 (1895).
———— Leech: Ann. Mag. N. H. (6), xix. p. 552 (1897).
Carige duplicaria. Walker: xxvi. 1632.
Macaria nigronotaria. Brem.: Lep. Ost. Sib., p. 80, pl. 7, f. 6 (1864).
Macaria irrorata. Butler: Ann. Mag. N. H. (5), iv. p. 440 (1879).

Type. Penang, in B. M.
Type (*duplicaria*). N. China, in B. M.
Type (*irrorata*). Japan, in B. M.
a. Nikko.

2764. Carige lunulineata.

Carige lunulineata. Moore: Descr. Ind. Lep. Atk., p. 263, pl. 8, f. 26 (1888).
———— C. and S.: Cat. Moths of India, iv. 543. 3657 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 185.
Carige cruciplaga. Hmn.: (part) Faun. Brit. Ind. Moths, iii. p. 340 (1895).

Type. Darjiling, in coll. Staudinger.
a. Khasia Hills.
Hampson's figure represents the Chinese form, not the Indian.

2765. Carige rachiaria.

Carige rachiaria. Swinhoe: Trans. Ent. Soc., Lond., 1891, p. 492; 1894, p. 185.
———— Hmn.: Faun. Brit. Ind. Moths, iii. p. 340 (1895).

Type. Khasia Hills, in B. M.
a. Khasia Hills (2).

GENUS **DOCIRAVA.** Walker: xxvi. 1635 (1862).

2766. Docirava æquilineata.

Docirava æquilineata. Walker: xxvi. 1635.
———— Moore: P. Z. S., Lond., 1867, p. 649.
———— Butler: Ill. Typ. Lep. Het., B. M., vi. p. 86, pl. 120, f. 5 (1886).
———— C. and S.: Cat. Moths of India, iv. 573. 3902 (1888).
———— Warren: P. Z. S., Lond., 1888, p. 330.
Anaitis æquilineata. Hmn.: Faun. Brit. Ind. Moths, iii. p. 341 (1895).

Type. N. India, in B. M.
a. India.

2767. Docirava pudicata.

Anaitis pudicata. Guen.: Phal., ii. 497. 1722 (1857).
———— Walker: xxv. 1446 (1862).
———— C. and S.: Cat. Moths of India, iv. 574. 3908 (1888).
———— Hmn.: Faun. Brit. Ind. Moths, iii. p. 341 (1895).
———— Leech: Ann. Mag. N. H. (6), xix. p. 553 (1897).
Aspilates uvaria. Walker: xxvi. 1681 (1862).
Docirava uvaria. Moore: P. Z. S., Lond., 1867, p. 649.
———— Cotes and Swinh.: l. c., 3905.
———— Warren: P. Z. S., Lond., 1888, p. 330.
Anaitis vastata. Walker: xxxv. 1700 (1866).

Types (*uvaria* and *vastata*). Darjiling, in B. M.
a. India (2).

2768. Docirava fulgurata.

Anaitis fulgurata. Guen.: Phal., ii. 498. 1725 (1857).
———— Walker: xxv. 1447 (1862).
———— C. and S.: Cat. Moths of India, iv. 574. 3907 (1888).
———— Hampson: Faun. Brit. Ind. Moths, iii. p. 342 (1895).
———— Leech: Ann. Mag. N. H. (6), xix. p. 553 (1897).
Anaitis (?) *macrocalata.* Walker: xxv. 1447.
Docirava macrocalata. Cotes and Swinh.: l. c., 573. 3903.

Orsonoba (?) *medmaria.* Walker: xxvi. 1521 (1862).
Anaitis medmaria. Moore: P. Z. S., Lond., 1867, p. 664.
Docirava medmaria. Butler: Ill. Typ. Lep. Het., B. M., vi. p. 87, pl. 120, f. 6 (1886).
———— Cotes and Swinh.: l. c., 3904.
Eubolia reciproca. Walker: xxxv. 1698 (1866).

Type (*medmaria*). Darjiling, in B. M.
Type (*reciproca*). N. India, in B. M.
a. India (type *macrocalata*). b. India (3). c. Assam (Jenkins).

GENUS **PHILEREME.** Hübn.: Verz., p. 331 (1816).
Scotosia. Steph.: Ill. Brit. Ent. Haust., iii. p. 259 (1829).

2769. Philereme vashti.

Collix vashti. Butler: Ann. Mag. N. H. (5), i. p. 445 (1878).
———— Ill. Typ. Lep. Het., B. M., iii. p. 52, pl. 54, f. 3 (1879).
Scotosia vashti. Leech: Ann. Mag. N. H. (6), xix. p. 555 (1897).
Eucosmia christophi. Von Hed.: Hor. Ross, 1881, p. 265, pl. 13, f. 4.
Calocalpe christophi. Meyrick: Trans. Ent. Soc., Lond., 1892, p. 70.

Type. Hakodaté, in B. M.
a. Japan (2).

GENUS **TRIPHOSA.** Steph.: Ill. Brit. Ent. Haust., iii. p. 261 (1829).

2770. Triphosa rubrodotata.

Scotosia rubrodotata. Walker: xxv. 1353 (1862).
———— C. and S.: Cat. Moths of India, iv. 564. 3825 (1888).
———— Hmn.: Faun. Brit. Ind. Moths, iii. p. 345 (1895).
———— Leech: Ann. Mag. N. H. (6), xix. p. 557 (1897).
Scotosia venimaculata. Moore: P. Z. S., Lond., 1867, p. 657.
———— Butler: P. Z. S., Lond., 1886, p. 393.
———— Cotes and Swinh.: l. c., 3828.
Scotosia expansa. Moore: Descr. Ind. Lep. Atk., p. 274 (1888).
———— Cotes and Swinh.: l. c., 563. 3819.
———— Warren: P. Z. S., Lond., 1888, p. 327.

Type. India, in B. M.
Type (*venimaculata*). Bengal, in B. M.
Type (*expansa*). Darjiling, in coll. Staudinger.
a. India.

2771. Triphosa albiplaga.

Scotosia albiplaga. Oberth.: Etud. d'Ent., xi. p. 34, pl. 6, f. 42 (1886).
Larentia albiplaga. Hmn.: Faun. Brit. Ind. Moths, iii. p. 370 (1895).
———— Leech: Ann. Mag. N. H. (6), xix. p. 663 (1897).
Scotosia nigralbata. Warren: P. Z. S., Lond., 1888, p. 327.
———— S. and C.: Cat. Moths of India, vi. Add. 773. 3821 A (1889).
Larentia nigralbata. Hampson: l. c.

Type. Thibet, in coll. Oberthür.

Type (*nigralbata*). Thundiani, Punjab, in B. M.
a. Thibet.

From a fine series before me, I am convinced the two forms are but one species; Sir George Hampson has put it out of place. it is a true *Triphosa.*

2772. Triphosa moniliferaria.

Trichopleura moniliferaria. Oberth.: Etud. d'Ent., xviii. p. 41, pl. 5, f. 76 (1893).
Larentia moniliferaria. Leech: Ann. Mag. N. H. (6), xix. p. 668 (1897).
Triphosa depleta (*ab*). Warren: Nov. Zool., vi. p. 42 (1899).

Type. Ta-Tsien-Lou, W. China, in coll. Oberthür.
Type (*depleta*). Ta-Tsien-Lou, in coll. Rothschild.
a. Ta-Tsien-Lou.

Genus **VISIANA.** nov.

Differs from the Genus *Triphosa*, Steph., in having the antennæ in the male bipectinated to two-thirds the length.

2773. Visiana sordidata.

Scotosia sordidata. Moore: Descr. Ind. Lep. Atk., p. 274 (1888).
———— C. and S.: Cat. Moths of India, iv. 564. 3826 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 191.
———— Hampson: Faun. Brit. Ind. Moths, iii. p. 345 (1895).

Type. Darjiling, in coll. Staudinger.
a. Khasia Hills (2).

Genus **CALOCALPE.** Hübn.: Verz., p. 330 (1816).

Eucosmia. Steph.: Ill. Brit. Ent. Haust., iii. p. 265 (1829).

2774. Calocalpe cervinata.

Geometra cervinata. Haw.: Lep. Brit., p. 318 (1810).
———— Hübn.: Geom., f. 266 (1815).
Triphosa cervinata. Steph.: l. c., p. 262.
———— Wood: Index, Ent., f. 621 (1833).
Plerocymia certata. Hübn.: Verz., p. 332.
Acidalia certata. Treit.: Schm. Eur., vi. (2), 72. 50 (1827).
———— Dup.: Lep. Fr., viii. pl. 185, f. 6 (1830).
Geometra certata. Hübn.: Geyer, Geom. f. 573 (1837).
Eucosmia certata. Led.: Verh. Zool.-bot. Ges. Wien., 1853, p. 182.
———— Staud. and W.: Cat., No. 2572 (1871).
Scotosia certata. Guen.: Phal., ii. 448. 1637 (1857).
———— Walker: xxv. 1345 (1862).
Calocalpe certata. Meyrick: Trans. Ent. Soc., Lond., 1892, p. 70.
Larentia certaria. Boisd.: Ind. Méth., 205. 1638 (1840).
———— Herr. Schäff.: Eur. Schm., iii. p. 143 (1847).
Geometra certaria. Freyer: Beitr., f. 396 (1845).

a. Japan.

GENUS **CŒNOCALPE.** Hübn.: Verz., p. 330 (1816).
Phibalapteryx. Steph.: Ill. Brit. Ent. Haust., iii. p. 255 (1829).

2775. Cœnocalpe severata.

Camptogramma severata. Guen.: Phal., ii. 428. 1598 (1857).
———— Walker: xxv. 1329 (1862).
Hydriomena severata. Meyrick: Proc. Linn. Soc., N. S. W., 1891, p. 854.
Phibalapteryx perfectata. Walker: xxv. 1341.
Scotosia scitiferata. Walker: xxv. 1357.
Phibalapteryx scitiferata. Butler: Ann. Mag. N. H. (5), ix. p. 95 (1882).
Cidaria promptata. Walker: xxv. 1410.

Type (*perfectata*). Sydney, in B. M.
Types (*scitiferata* and *promptata*). Tasmania, in B. M.
a. South Australia. b. Australia. c. Van Diemen's Land.

2776. Cœnocalpe gobiata.

Cidaria gobiata. Felder: Reise Nov. Lep., pl. 131, f. 2 (1874).
Scotosia gobiata. Meyrick: Trans. N. Zeal. Inst., 1883, p. 70.
Phibalapteryx simulans. Butler: Cist. Ent., ii. p. 506 (1879).
Phibalapteryx undulifera. Butler: l. c.
Phibalapteryx anguligera. Butler: l. c., p. 507.
Phibalapteryx rivularis. Butler: l. c.

Type. New Zealand, in coll. Rothschild.
Types of all Butler species in B. M. from N. Zealand.
a. South Island, New Zealand (2).
A very variable species, but undoubtedly all one; the variations not constant.

2777. Cœnocalpe mortuata.

Camptogramma mortuata. Guen.: Phal., ii. 428. 1597 (1857).
———— Walker: xxv. 1329 (1862).
Hydriomena mortuata. Meyrick: Proc. Linn. Soc., N. S. W., 1890, p. 853.
Cidaria clandestinata. Walker: xxv. 1408.
Larentia clandestinata. Butler: Ann. Mag. N. H. (5), ix. p. 93 (1882).

Type (*clandestinata*). Australia, in B. M.
a. New South Wales (2).

GENUS **COLLIX.** Guen.: Phal., ii. p. 357 (1857).

2778. Collix ghosha.

Collix ghosha. Walker: xxiv. 1249 (1862).
———— Moore: Lep. Ceylon, iii. p. 482, pl. 206, f. 9, 10, 10*a* (1887).
———— C. and S.: Cat. Moths of India, iv. 571. 3890 (1888).
———— Hmn.: Ill. Typ. Lep. Het., B. M., viii. 32. 895 (1891); ix. 42. 1088 (1893).
———— Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 185.
Phibalapteryx ghosha. Hampson: (part) Faun. Brit. Ind. Moths, iii. p. 348 (1895).

Type. Ceylon, in B. M.
a. India.

GENUS **PARAPLANETA**. Warren: Nov. Zool., ii. p. 116 (1895).

2779. Paraplaneta conturbata.

Larentia conturbata. Walker: xxvi. 1703 (1862).
———— C. and S.: Cat. Moths of India, iv. 556. 3759 (1888).
Scotosia conturbata. Warren: P. Z. S., Lond., 1888, p. 327.
———— Hmn.: Ill. Typ. Lep. Het., B. M., viii. 31. 886 (1891).
Xanthorhoë conturbata. Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 188.
Cataclysme conturbata. Hmn.: Faun. Brit. Ind. Moths, iii. p. 349 (1895).
Paraplaneta conturbata. Warren: Nov. Zool., ii. p. 116.

Type. N. India, in B. M.
a. India (3) (Hutton).

GENUS **UROLOPHIA**. nov.

Fore-wing broad, ample, costa gradually arched, apex blunt; outer margin oblique, straight, curved only at hinder angle; hind-wing with the outer margin very fully rounded; abdomen of male with a slender projecting apical, central tuft, the preceding segments also with small central and lateral tufts; palpi porrect, the last joint drooping; tongue present; antennæ in female simple, in male thickened, hardly pubescent, venation normal, veins 6 and 7 of hind-wings on a short stalk.

2780. Urolophia obscurata.

Cidaria obscurata. Moore: P. Z. S., Lond., 1867, p. 663, pl. 33, f. 7.
———— Hmn.: (part) Faun. Brit. Ind. Moths, iii. p. 350 (1895).
Eustroma obscurata. C. and S.: Cat. Moths of India, iv. 570. 3880 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 190.

Type. Bengal, in coll. Russell.
a. Khasia Hills (2).

2781. Urolophia monana.

Eustroma monana. Swinhoe: Ann. Mag. N. H. (6), xii. p. 224 (1893).
———— Trans. Ent. Soc., Lond., 1894, p. 191, pl. 2, f. 10.
Cidaria obscurata. Hmn.: (part) Faun. Brit. Ind. Moths, iii. p. 350 (1895).

Type. Shillong, in B. M.
a. India.

2782. Urolophia furva.

Cidaria furva. Swinhoe: Trans. Ent. Soc., Lond., 1891, p. 494.
———— Hampson: Faun. Brit. Ind. Moths, iii. p. 351 (1895).
Eustroma furva. Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 190.

Type. Khasia Hills, in B. M.
a. Khasia Hills (2).

GENUS **CIDARIA**. Treit.: Schm. Eur., vi. (2), p. 140 (1828).

Ecliptopera. Warren: Nov. Zool., i. p. 679 (1894).
Diactinia. Warren: l. c., v. p. 27 (1898).

2783. Cidaria fluviata.

Geometra fluviata. Hübn.: Geom., pl. 54, f. 280, 281 (1815).
Plemyria fluviata. Hübn.: Verz., p. 334 (1816).
Acidalia fluviata. Treit.: Schm. Eur., vi. (2), 55. 39 (1828).
Larentia fluviata. Herr. Schäff.: Eur. Schm., iii. p. 175 (1847).
Camptogramma fluviata. Guen.: Phal., ii. 429. 1601 (1857).
———— Walker: xxv. 1325 (1862).
Cidaria fluviata. Hampson: Faun. Brit. Ind. Moths, iii. p. 363 (1895).
———— Leech: Ann. Mag. N. H. (6), xix. p. 651 (1897).
Geometra gemmata. Hübn.: Geom., pl. 55, f. 283 ♀.
Camptogramma gemmata. Walker: xxv. 1325.
Camptogramma baccata. Guen.: l. c., 430. 1604.
———— Walker: xxv. 1327.
Plemyria baccata. Moore: Lep. Ceylon, iii. p. 486, pl. 206, f. 7 (1887).
———— C. and S.: Cat. Moths of India, iv. 572. 3895 (1888).
———— Hampson: Ill. Typ. Lep. Het., B. M., viii. 32. 899 (1891).
Cidaria peracutata. Walker: xxv. 1421.

Type (*peracutata*). Without locality, in B. M.

a. Nilgiri Hills. b. Khasia Hills.

2784. Cidaria scortea.

Cidaria scortea. Swinhoe: Trans. Ent. Soc., Lond., 1891, p. 493; 1894, p. 189.
———— Hampson: Faun. Brit. Ind. Moths, iii. p. 352 (1895).
Glaucopteryx viridis. Warren: P. Z. S., Lond., 1893, p. 368.

Type. Khasia Hills, in B. M.

Type (*viridis*). Sikkim, in coll. Elwes.

a. Khasia Hills (2).

2785. Cidaria fecunda.

Cidaria fecunda. Swinhoe: Trans. Ent. Soc., Lond., 1891, p. 493; 1894, p. 189.
Cidaria cingala. Hmn.: (part) Faun. Brit. Ind. Moths, iii. p. 353 (1895).

Type. Khasia Hills, in B. M.

a. Khasia Hills (2).

2786. Cidaria variegata.

Larentia variegata. Moore: P. Z. S., Lond., 1867, p. 653.
———— C. and S.: Cat. Moths of India, iv. 557. 3766 (1888).
———— Hmn.: Ill. Typ. Lep. Het., B. M., viii. 31. 861 (1891).
Cidaria variegata. Hampson: Faun. Brit. Ind. Moths, iii. p. 353 (1895).
———— Leech: Ann. Mag. N. H. (6), xix. p. 641 (1897).

Type. Bengal, in B. M.

a. India.

2787. Cidaria mediovittaria.

Coremia mediovittaria. Moore: P. Z. S., Lond., 1867, p. 656.
———— C. and S.: Cat. Moths of India, iv. 563. 3816 (1888).
Cidaria mediovittaria. Hampson: Faun. Brit. Ind. Moths, iii. p. 356 (1895).

Type. Darjiling, in coll. Russell.

a. India.

2788. Cidaria oblongata.

Cidaria oblongata. Guen.: Phal., ii. 472. 1681 (1857).
——————— Walker: xxv. 1402 (1862).
——————— C. and S.: Cat. Moths of India, iv. 568. 3864 (1888).
Cidaria substituta. Walker: xxxv. 1691 (1866).
——————— Moore: P. Z. S., Lond., 1867, p. 660.
——————— Cotes and Swinh.: l. c., 569. 3873.
——————— Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 190.
Cidaria silaceata. Hmn.: (part) Faun. Brit. Ind. Moths, iii. p. 357 (1895).

Type (*substituta*). N. India, in B. M.
a. India (3).

2789. Cidaria aurata.

Cidaria aurata. Moore: P. Z. S., Lond., 1867, p. 664.
——————— C. and S.: Cat. Moths of India, iv. 566. 3844 (1888).
——————— Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 190.
——————— Hmn.: (part) Faun. Brit. Ind. Moths, iii. p. 355 (1895).
——————— Leech: Ann. Mag. N. H. (6), xix. p. 641 (1897).

Type. Bengal, in B. M.
a. Darjiling.

2790. Cidaria delecta.

Cidaria delecta. Butler: Ann. Mag. N. H. (5), vi. p. 229 (1880).
——————— Ill. Typ. Lep. Het., B. M., vi. p. 88, pl. 120, f. 8 (1886).
——————— C. and S.: Cat. Moths of India, iv. 567. 3852 (1888).
——————— Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 189.
——————— Hampson: Faun. Brit. Ind. Moths, iii. p. 359 (1895).

Type. N. E. Himalayas, in B. M.
a. Khasia Hills (2).

2791. Cidaria mactata.

Cidaria mactata. Felder: Reise Nov. Lep., pl. 132, f. 40 (1874).
——————— Leech: Ann. Mag. N. H. (6), xix. p. 647 (1897).

Type. Japan, in coll. Rothschild.
a. Nikko.

2792. Cidaria triangulifera.

Eustroma triangulifera. Moore: Descr. Ind. Lep. Atk., p. 275 (1888).
——————— C. and S.: Cat. Moths of India, iv. 570. 3883 (1888)
——————— Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 190.
Ecliptopera triangulifera. Warren: Nov. Zool., i. p. 679 (1894).
Cidaria triangulifera. Hampson: Faun. Brit. Ind. Moths, iii. p. 358 (1895)

Type. Darjiling, in coll. Staudinger.
a. Khasia Hills (2).

2793. Cidaria lativittaria.

Scotosia lativittaria. Moore: P. Z. S., Lond., 1867, p. 657.
——————— C. and S.: Cat. Moths of India, iv. 563. 3820 (1888).
Cidaria lativittaria. Hampson: Faun. Brit. Ind. Moths, iii. p. 351 (1895).

Type. Darjiling, in B. M.
a. India (2).

GENUS **EUSTROMA**. Hübn.: Verz., p. 334 (1816).
Hysterura. Warren: Nov. Zool., ii. p. 115 (1895).
Lygridopsis. Warren: l. c., p. 116.

2794. Eustroma inextricata.

Cidaria inextricata. Walker: xxxv. 1691 (1866).
———— Moore: P. Z. S., Lond., 1867, p. 660.
———— C. and S.: Cat. Moths of India, iv. 567. 3854 (1888).
———— Hampson: Faun. Brit. Ind. Moths, iii. p. 360 (1895).
Cidaria ærosa. Butler: Ann. Mag. N. H. (5), i. p. 451 (1878).
———— Ill. Typ. Lep. Het., B. M., iii. p. 58, pl. 55, f. 7 (1879).
Eustroma reticulata. Leech: (part) Ann. Mag. N. H. (6), xix. p. 365 (1897).

Type. N. India, in B. M.
Type (*ærosa*). Hakodaté, Japan, in B. M.
a. Assam (Jenkins). b. India.

2795. Eustroma cervinaria.

Cidaria cervinaria. Moore: P. Z. S., Lond., 1867, p. 664.
———— C. and S.: Cat. Moths of India, iv. 566. 3848 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 190.
———— Hmn.: (part) Faun. Brit. Ind. Moths, iii. p. 361 (1895).
Lygridopsis cervinaria. Warren: Nov. Zool., ii. p. 116 (1895).

Type. Bengal, in coll. Russell.
a. Assam (Jenkins).

GENUS **EPIRRHOË**. Hübn.: Verz., p. 328 (1816).

2796. Epirrhoë anthracinata.

Camptogramma anthracinata. Guen.: Phal., ii. 425. 1592, pl. 7, f. 5 (1857).
———— Walker: xxv. 1329 (1862).
Hydriomena anthracinata. Meyrick: Proc. Linn. Soc., N.S.W., 1890, p. 830.
Melanodes (?) *atriplena*. Walker: xxi. 324 (1861).

Type (*atriplena*). Tasmania, in B. M.
a. Van Diemen's Land (6). b. New Holland. c. Australia (2).

2797. Epirrhoë cineraria.

Cidaria cineraria. Butler: Ann. Mag. N. H. (5), i. p. 451 (1878).
———— Ill. Typ. Lep. Het., B. M., iii. p. 58, pl. 55, f. 8 (1879).
———— Leech: Ann. Mag. N. H. (6), xix. p. 640 (1897).

Type. Hakodaté, Japan, in B. M.
a. Japan (2).

2798. Epirrhoë interruptata.

Cidaria interruptata. Guen.: Phal., ii. 469. 1678, pl. 9, f. 6 (1857).
———— Walker: xxv. 1405 (1862).
Hydriomena interruptata. Meyrick: Proc. Linn. Soc., N.S.W., 1890, p. 825.

a Van Diemen's Land.

2799. Epirrhoë callichlora.

Cidaria callichlora. Butler: Cist. Ent., ii. p. 509 (1879).
———————— Meyrick: Trans. N. Zeal. Inst., 1883, p. 76.

Type. N. Zealand, in B. M.

a. South Island, New Zealand (2).

2800. Epirrhoë deltoidata.

Coremia deltoidata. Walker: xxv. 1321 (1862).
Scotosia deltoidata. Meyrick: Trans. N. Zeal. Inst., 1883, p. 70.
Cephalissa deltoidata. Meyrick: l. c., 1887, p. 54.
Cidaria inclarata. Walker: xxv. 1411.
Cidaria perductata. Walker: xxv. 1412.
Cidaria congressata. Walker: xxv. 1412.
Cidaria conversata. Walker: xxv. 1413.
Cidaria descriptata. Walker: xxv. 1414.
Cidaria bisignata. Walker: xxv. 1415.
Cidaria aggregata. Walker: xxv. 1415.
Cidaria congregata. Walker: xxv. 1415.
Cidaria plagifurcata. Walker: xxv. 1416.
Coremia pastinaria. Guen.: Ent. Mo. Mag., v. p. 64 (1868).
Cidaria inopiata. Felder: Reise Nov. Lep., pl. 132, f. 3 (1874).
Cidaria moniliata. Felder: l. c., f. 8.
Cidaria perversata. Felder: l. c., f. 14, 24.

Type. Auckland, in B. M.
Type (*plagifurcata*). Auckland, in B. M.
Types of others by Walker. New Zealand, in B. M.
Types by Felder. New Zealand, in coll. Rothschild.

a. New Zealand. b. South Island, New Zealand.

2801. Epirrhoë placida.

Abraxas placida. Butler: Ann. Mag. N. H. (5), i. p. 441 (1878).
———————— Ill. Typ. Lep. Het., B. M., iii. p. 48, pl. 53, f. 1 (1879).
———————— Leech: Ann. Mag. N. H. (6), xix. p. 444 (1897).
Callabraxas propinqua. Butler: Trans. Ent. Soc., Lond., 1881, p. 420.

Type. Hakodaté, Japan, in B. M.
Type (*propinqua*). Tokei, Japan, in B. M.

a. Nikko.

Genus **PLEMYRIA.** Hübn.: Verz., p. 327 (1816).

2802. Plemyria catenaria.

Melanippe catenaria. Moore: P. Z. S., Lond., 1867, p. 655, pl. 33, f. 9.
Abraxas catenaria. C. and S.: Cat. Moths of India, iv. 552. 3727 (1888).
Plemyria catenaria. Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 188.
Cidaria catenaria. Hampson: Faun. Brit. Ind. Moths, iii. p. 354 (1895).

Type. Bengal, in B. M.

a. India (2).

Congeneric with *procellata*, Schiff., of Europe, the type of the genus.

GENUS **OCHYRIA**. Hübn.: Verz., p. 334 (1816).
Coremia. Guen.: Phal., ii. p. 408 (1857).
Arsinoe. Meyrick: Trans. N. Zeal. Inst., 1883, p. 73 (præocc.).
Anachloris. Meyrick: l. c., 1886, p. 184.

2803. Ochyria vacuaria.

Coremia vacuaria. Guen.: l. c., 418. 1576.
——— Walker: xxv. 1314 (1862).
Xanthorhoë vacuaria. Meyrick: Proc. Linn. Soc., N. S. W., 1890, p. 866.
——— Lower: Trans. Roy. Soc., S. Austral., xv. p. 13 (1892).
Coremia quartanata. Guen.: l. c., 489. 1579.
——— Walker: xxv. 1315.
Coremia solutata. Walker: (part) xxv. 1319.
Coremia ordinaria. Walker: xxv. 1320.

Type (*quartanata*). New Holland, in B. M.

a. Tasmania (type *ordinaria*). b. Brisbane. c. Van Diemen's Land (6). d. Swan River. e. New South Wales.

2804. Ochyria subochraria.

Aspilates (?) *subochraria*. Double.: Dieffenbach's New Zeal., i. 285. 114 (1843).
——— Walker: xxiv. 1075 (1862).
Camptogramma subochraria. Butler: Cat. N. Zeal. Insects, pl. iii. f. 16 (1879).
Arsinoe subochraria. Meyrick: Trans. N. Zeal. Inst., 1883, p. 73.
Anachloris subochraria. Meyrick: N. Zeal. Journ. Sci., ii. p. 589 (1884).
Camptogramma strangulata. Guen.: Phal., ii. 423. 1586 (1857).
——— Walker: xxv. 1327 (1862).
Camptogramma fuscinata. Guen.: Ent. Mo. Mag., v. p. 92 (1868).
Aspilates euboliaria. Walker: xxvi. 1684 (1862).

Type (*euboliaria*). New Zealand, in B. M.

a. Van Diemen's Land (3). b. New Zealand (4).

2805. Ochyria uncinata.

Camptogramma uncinata. Guen.: Phal., ii. 424. 1589 (1857).
——— Walker: xxv. 1328 (1862).
Hydriomena uncinata. Meyrick: Proc. Linn. Soc., N. S. W., 1890, p. 850.
Panagra approximata. Walker: xxiii. 1002 (1861).
Panagra plurilineata. Walker: xxiii. 1011.
Coremia plurilineata. Butler: Ann. Mag. N. H. (5), ix. p. 95 (1882).
Panagra intercalata. Walker: xxiii. 1012.
——— Rosenstk.: Ann. Mag. N. H. (5), xvi. p. 431 (1885).
Camptogramma replicata. Walker: xxv. 1330.
Panagra revulsaria. Walker: xxvi. 1665 (1862).
Cidaria gallinata. Felder: Reise Nov. Lep., pl. 131, f. 8 (1874).

Types (*approximata* and *plurilineata*). Sydney, in B. M.
Types (*intercalata*, *replicata*, and *revulsaria*). Australia, in B. M.
Type (*gallinata*). Australia, in coll. Rothschild.

a. New South Wales (2).

2806. Ochyria saturata.

Larentia saturata. Guen.: Phal., ii. 269. 1339 (1857).

Larentia saturata. Walker: xxiv. 1193 (1862).
Eupithecia saturata. Moore: 2d Yarkand Miss., p. 15 (1879).
———— C. and S.: Cat. Moths of India, iv. 558. 3778 (1888).
Cidaria saturata. Hampson: (part) Faun. Brit. Ind. Moths, iii. p. 362 (1895).
———— Leech: Ann. Mag. N. H. (6), xix. p. 652 (1897).
Larentia exliturata. Walker: xxiv. 1195.
———— Cotes and Swinh.: l. c., 556. 3760.
———— Hmn.: Ill. Typ. Lep. Het., B. M., viii. 30. 857 (1891).
Epirrhoë exliturata. Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 188.
Coremia livida. Butler: Ann. Mag. N. H. (5), i. p. 449 (1878).
———— Ill. Typ. Lep. Het., B.M., iii. p. 56, pl. 55, f. 2 (1879).
———— Warren: P. Z. S., Lond., 1888, p. 329.
———— Swinh. and Cotes: l. c., vi. Add. 773. 3814 A (1889).
Larentia inamœna. Butler: Ann. Mag. N. H. (5), iv. p. 444 (1879).

Type (*exliturata*). S. India, in B. M.
Types (*livida* and *inamœna*). Yokohama, in B. M.
a. Solon, Simla. b. Nikko, Japan.

2807. Ochyria obfuscata.

Xanthorhoë obfuscata. Warren: P. Z. S., Lond., 1893, p. 376.
Cidaria obfuscata. Hampson: Faun. Brit. Ind. Moths, iii. p. 365 (1895).
Cidaria bareconia. Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 189.

Type. Sikkim, in coll. Elwes.
Type (*bareconia*). Cherra Punji, in B. M.
a. Khasia Hills (2).

Genus **GONANTICLEA.** Swinhoe: Trans. Ent. Soc., Lond., 1892, p. 3.

2808. Gonanticlea aversa.

Gonanticlea aversa. Swinhoe: l. c., p. 4.
———— Hampson: Faun. Brit. Ind. Moths, iii. p. 366 (1895).

Type. Khasia Hills, in B. M.
a. Khasia Hills (2).

2809. Gonanticlea occlusata.

Cidaria occlusata. Felder: Reise Nov. Lep., pl. 132, f. 16 (1874).
Anticlea occlusata. Moore: Lep. Ceylon, iii. p. 485, pl. 207, f. 7, 8 (1887).
———— C. and S.: Cat. Moths of India, iv. 562. 3809 (1888).
———— Hmn.: Ill. Typ. Lep. Het., B. M., viii. 31. 884 (1891).
Gonanticlea occlusata. Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 185.
———— Hampson: Faun. Brit. Ind. Moths, iii. p. 366 (1895).

Type. Ceylon, in coll. Rothschild.
a. Khasia Hills.

Genus **PROBOLŒA.** Meyrick: Trans. N. Zeal. Inst., 1886, p. 589.
Harpalyce. Meyrick: l. c., 1883, p. 63 (præocc.).

2810. Probolœa megaspilata.

Larentia megaspilata. Walker: xxiv. 1198 (1862).

Harpalyce megaspilata. Meyrick: (part) l. c.
Probolœa megaspilata. Meyrick: l. c., 1886, p. 589.
Cidaria assata ♂. Felder: Reise Nov. Lep., pl. 131, f. 4 (1874).
Cidaria nehata ♀. Felder: l. c., f. 6.

Type. Auckland, in B. M.

Types (*assata* and *nehata*). New Zealand, in coll. Rothschild.

a. South Island, New Zealand (♂ ♀).

2811. Probolœa falcata.

Larentia (?) *falcata.* Butler: Cist. Ent., ii. p. 501 (1879).
———— Meyrick: Trans. N. Zeal. Inst., 1883, p. 58.

Type. Otago, in B. M.

a. North Island, New Zealand ♂. b. Van Diemen's Land ♀.

Genus **XANTHORHOË.** Hübn.: Verz., p. 327 (1816).
Larentia. Treit.: Schm. Eur., vi. (2), p. 75 (1828).
Helastia. Guen.: Ent. Mo. Mag., v. p. 94 (1868).
Epyaxa. Meyrick: Trans. N. Zeal. Inst., 1883, p. 71.

2812. Xanthorhoë semisignata.

Larentia semisignata. Walker: xxiv. 1200 (1862).
Larentia punctilineata. Walker: xxiv. 1202.
———— Butler: Cat. N. Zeal. Insects, p. 41, pl. 111, f. 12 (1879).
Cidaria dissociata. Walker: xxvi. 1734 (1862).
Cidaria similisata. Walker: xxvi. 1735.
Larentia corcularia. Guen.: l. c., p. 61.

Type. New Zealand, in B. M.

Types (*punctilineata*, *dissociata*, and *semilisata*). New Zealand, in B. M.

a. South Island, New Zealand (2).

2813. Xanthorhoë heliacaria.

Coremia heliacaria. Guen.: Phal., ii. 420. 1583 (1857).
———— Walker: xxv. 1316 (1862).
Xanthorhoë heliacaria. Meyrick: Proc. Linn. Soc., N. S. W., 1890, p. 872.
———— Lower: Trans. Roy. Soc., S. Austral., xv. p. 13 (1892).

a. Van Diemen's Land (2). b. New Holland.

2814. Xanthorhoë semifissata.

Coremia semifissata. Walker: xxv. 1320 (1862).
Epyaxa semifissata. Meyrick: Trans. N. Zeal. Inst., 1883, p. 72.
Coremia ypsilonaria. Guen.: Ent. Mo. Mag., v. p. 64 ♂ (1868).
Cidaria delicatulata. Guen.: l. c., p. 94 ♀.

Type. Auckland, in B. M.

a. South Island, New Zealand (4).

2815. Xanthorhoë beata.

Cidaria beata. Butler: P. Z. S., Lond., 1877, p. 397, pl. 43, f. 6.

Larentia beata. Meyrick: Trans. N. Zeal. Inst., 1883, p. 79.

Type. New Zealand, in B. M.

a. South Island, New Zealand.

2816. Xanthorhoë vicissata.

Coremia vicissata. Guen.: Phal., ii. 421. 1584, pl. 9, f. 5 (1857).
——————— Walker: xxv. 1316 (1862).
Chrysolarentia vicissata. Rosth.: Ann. Mag. N. H. (5), xvi. p. 431 (1885).
Xanthorhoë vicissata. Meyrick: Proc. Linn. Soc., N. S. W., 1890, p. 872.
——————— Lower: Trans. Roy. Soc., S. Austral., xv. p. 13 (1892).

a. Van Diemen's Land (3). b. New Holland.

2817. Xanthorhoë cymaria.

Coremia cymaria. Guen.: Phal., ii. 415. 1569 (1857).
——————— Walker: xxv. 1313 (1862).
——————— Butler: Ann. Mag. N. H. (5), ix. p. 95 (1882).
Cidaria sodaliata. Walker: xxv. 1410.
Coremia divisata. Walker: xxxv. 1682 (1866) (nec xxvi. 1714).
Xanthorhoë subidaria, var. urbana. Meyrick: Proc. Linn. Soc., N. S. W., 1890, p. 864.

Type (*sodaliata*). Australia, in B. M.

Type (*divisata*). Moreton Bay, in B. M.

a. Van Diemen's Land (4). b. New South Wales. c. Swan River.

2818. Xanthorhoë cinerearia.

Cidaria (?) *cinerearia.* Double.: Dieff. N. Zeal., ii. p. 286 (1843).
Cidaria cinerearia. Walker: xxvi. 1703 (1862).
Larentia cinerearia. Meyrick: (part) Trans. N. Zeal. Inst., 1883, p. 83.
Larentia infusata. Walker: xxiv. 1199 (1862).
Larentia invexata. Walker: xxiv. 1199.
——————— Butler: Cat. N. Zeal. Insects, pl. iii. f. 11 (1879).
Larentia inoperata. Walker: xxiv. 1201.
Larentia diffusaria. Walker: xxiv. 1201.
Larentia infantaria. Guen.: Ent. Mo. Mag., v. p. 62 (1868).
Helastia eupitheciaria. Guen.: l. c., p. 95.
Cidaria adonata. Felder: Reise Nov. Lep., pl. 131, f. 31 (1874).

Types of all Walker's species. New Zealand, in B. M.

Type (*adonata*). New Zealand, in coll. Rothschild.

a. New Zealand.

2819. Xanthorhoë albigirata.

Cidaria albigirata. Kollar: Hugel's Kaschmir, iv. p. 489 (1844).
——————— Butler: P. Z. S., Lond., 1886, p. 394.
——————— C. and S.: Cat. Moths of India, iv. 565. 3838 (1888).
Larentia albigirata. Hmn.: (part) Faun. Brit. Ind. Moths, iii. p. 367 (1895).
Cidaria signata. Moore: P. Z. S., Lond., 1867, p. 661.
——————— Cotes and Swinh.: l. c., 569. 3870.

Type. Darjiling, in coll. Russell.

a. Sikkim.

GENUS **PARALOPHIA**. Warren: P. Z. S., Lond., 1893, p. 371.

2820. Paralophia argentilineata.

Cidaria argentilineata. Moore: P. Z. S., Lond., 1867, p. 660, pl. 33, f. 5.
——————— C. and S.: Cat. Moths of India, iv. 565. 3842 (1888).
Larentia argentilineata. Hampson: Faun. Brit Ind. Moths, iii. p. 368 (1895).

Type. Darjiling, in B. M.
a. India.

2821. Paralophia flavistrigata.

Melanippe flavistrigata. Warren: P. Z. S., Lond., 1888, p. 329.
——————— Swinh. and Cotes: Cat. Moths of India, vi. 773. 3812 A (1889).
Larentia flavistrigata. Hmn.: Faun. Brit. Ind. Moths, iii. p. 371 (1895).
Epirrhoë pallidaria. Swinhoe: Ann. Mag. N. H. (6), xii. p. 156 (1893).

Types (*flavistrigata* and *pallidaria*). Kalapani, Punjab, in B. M.
a. India (Hutton).

2822. Paralophia latifusata.

Melanippe latifusata. Walker: xxv. 1298 (1862).
——————— C. and S.: Cat. Moths of India, iv. 562. 3813 (1888).
Larentia latifusata. Hmn.: Faun. Brit. Ind. Moths, iii. p. 370 (1895).
——————— Leech: Ann. Mag. N. H. (6), xix. p. 658 (1897).
Cidaria nœmata. Felder: Reise Nov. Lep., pl. 132, f. 32 ♀ (1874).
——————— Cotes and Swinh.: l. c., 568. 3861.

Type (*nœmata*). Himalayas, in coll. Rothschild.
a. India (type).

GENUS **PERIZOMA**. Hübn.: Verz., p. 327 (1816).
Anticlea. Steph.: Ill. Brit. Ent. Haust., iii. p. 236 (1829).
Gagitodes. Warren: P. Z. S., Lond., 1893, p. 381.

2823. Perizoma amelia.

Lozogramma amelia. Butler: Ann. Mag. N. H. (5), i. p. 406 (1878).
——————— Ill. Typ. Lep. Het., B. M., iii. p. 46, pl. 52, f. 6 (1879).
Larentia amelia. Leech: Ann. Mag. N. H. (6), xix. p. 660 (1897).

Type. Yokohama, in B. M.
a. Nikko, Japan.

2824. Perizoma consanguinea.

Anticlea consanguinea. Butler: Ann. Mag. N. H. (5), i. p. 449 (1878).
——————— Ill. Typ. Lep. Het., B. M., iii. p. 56, pl. 55, f. 1 (1879).
——————— Leech: Ann. Mag. N. H. (6), xix. p. 660 (1897).

Type. Hakodaté, in B. M.
a. Japan.

GENUS **POLYPHASIA**. Steph.: Ill. Brit. Ent. Haust., iii. p. 230 (1829).

2825. Polyphasia cinereata.

Cidaria cinereata. Moore: P. Z. S., Lond., 1867, p. 662.

Cidaria cinereata. C. and S.: Cat. Moths of India, iv. 566. 3850 (1888).
Larentia truncata. Hmn.: (part) Faun. Brit. Ind. Moths, iii. p. 378 (1895).

Type. Bengal, in B. M.

a. India.

2826. Polyphasia subapicaria.

Cidaria subapicaria. Moore: P. Z. S., Lond., 1867, p. 663.
——————— C. and S.: Cat. Moths of India, iv. 569. 3871 (1888).

Type. Darjiling, in coll. Russell.

a. India.

Genus **DASYURIS.** Guen.: Ent. Mo. Mag., v. p. 93 (1868).

2827. Dasyuris euclidiata.

Coremia euclidiata. Guen.: Phal., ii. 420. 1581 (1857).
——————— Walker: xxv. 1316 (1862).
Dasyuris euclidiata. Meyrick: (part) Proc. Linn. Soc., N.S.W., 1890, p. 876.

a. Van Diemen's Land (2).

Genus **TRICHOPLITES.** nov.

Differs from the genus *Perizoma*, Hübn., in the male having a thick fringe of long hair in the cell of fore-wing on the underside, and along vein 4, and a slighter fringe of upwardly directed hairs from below median nervure.

2828. Trichoplites cuprearia.

Anticlea cuprearia. Moore: P. Z. S., Lond., 1867, p. 656.
——————— C. and S.: Cat. Moths of India, iv. 562. 3807 (1888).
Larentia cuprearia. Hampson: Faun. Brit. Ind. Moths, iii. p. 377 (1895).

Type. Darjiling, in coll. Russell.

a. India.

Genus **EULYPE.** Hübn.: Verz., p. 327 (1816).

2829. Eulype hecate.

Melanippe hecate. Butler: Ann. Mag. N. H. (5), i. p. 448 (1878).
——————— Ill. Typ. Lep. Het., B.M., iii. p. 55, pl. 54, f. 12 (1879).
Plemyria hecate. Leech: Ann. Mag. N. H. (6), xix. p. 569 (1897).

Type. Yokohama, in B. M.

a. Yokohama (Sansom).

Genus **TRICHODEZIA.** Warren: Nov. Zool., ii. p. 119 (1895).

2830. Trichodezia exsecuta.

Baptria exsecuta. Felder: Reise Nov. Lep., pl. 133, f. 15 (1874).
Trichodezia exsecuta. Warren: l. c.
Eustroma exsecuta. Leech: Ann. Mag. N. H. (6), xix. p. 567 (1897).

Type. Japan, in coll. Rothschild.

a. Nikko.

Genus **PHOTOSCOTOSIA.** Warren: P. Z. S., Lond., 1888, p. 328.
Trichopleura. Staud.: Stett. Ent. Zeit., xliii. p. 68 (1882) (præocc.).
Lasiogma. Meyrick: Trans. Ent. Soc. Lond., 1892, p. 70.

2831. Photoscotosia miniosata.

Scotosia miniosata. Walker: xxv. 1354 (1862).
———— Moore: P. Z. S., Lond., 1867, p. 656.
———— C. and S.: Cat. Moths of India, iv. 563. 3821 (1888).
Photoscotosia miniosata. Warren: l. c.
———— Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 391.
———— Hmn.: (part) Faun. Brit. Ind. Moths, iii. p. 380 (1895).
———— Leech: Ann. Mag. N. H. (6), xix. p. 676 (1897).

Type. Silhet, in B. M.
a. India (4).

2832. Photoscotosia amplicata.

Cidaria amplicata. Walker: xxv. 1404 (1862).
———— C. and S.: Cat. Moths of India, iv. 565. 3841 (1888).
Photoscotosia amplicata. Warren: P. Z. S., Lond., 1888, p. 328.
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 212.
———— Hmn.: Faun. Brit. Ind. Moths, iii. p. 382 (1895).
———— Leech: Ann. Mag. N. H. (6), xix. p. 672 (1897).
Cidaria trisignata. Moore: P. Z. S., Lond., 1867, p. 663.
———— Cotes and Swinh.: l. c., 569. 3874.
Trichopleura dejeani. Oberth.: Étud. d'Ent., xviii. p. 40, pl. 4, f. 51 (1893).

Type (*trisignata*). Bengal, in coll. Russell.
a. India (type).

2833. Photoscotosia aurantiaria.

Cidaria aurantiaria. Moore: P. Z. S., Lond., 1867, p. 661, pl. 33, f. 8.
———— C. and S.: Cat. Moths of India, iv. 566. 3843 (1888).
Photoscotosia aurantiaria. Hmn.: Faun. Brit. Ind. Moths, iii. p. 383 (1895).

Type. Darjiling, in coll. Russell.
a. India (2).

Genus **CALLABRAXAS.** Butler: Ann. Mag. N. H. (5), vi. p. 226 (1880).

2834. Callabraxas whitelyi.

Abraxas whitelyi. Butler: Ill. Typ. Lep. Het., B. M., ii. p. 52, pl. 37, f. 4 (1878).
———— Leech: Ann. Mag. N. H. (6), xix. p. 444 (1897).

Type. Japan, in B. M.
a. Japan (3).

Genus **LYGRIS.** Hübn.: Verz., p. 326 (1816).

2835. Lygris ledereri.

Cidaria ledereri. Brem.: Lep. Ost. Sib., p. 88, pl. 7, f. 17 (1864).

Lygris ledereri. Staud. and W.: Cat., No. 2580 (1871).
———— Græser: Berl. Ent. Zeit., 1888, p. 406.
Eustroma ledereri. Meyrick: Trans. Ent. Soc., Lond., 1892, p. 71.
———— Leech: Ann. Mag. N. H. (6), xix. p. 566 (1897).

a. Japan (2).

2836. Lygris junctilineata.

Abraxas junctilineata. Walker: xxiv. 1122 (1862).
———— Leech: Trans. Ent. Soc., Lond., 1889, p. 145.
Eustroma junctilineata. Leech: Ann. Mag. N. H. (6), xix. p. 567 (1897).

Type. N. China, in B. M.
a. China. b. Japan (Fortune). c. Japan.

Genus **GANDARITIS.** Moore: P. Z. S., Lond., 1867, p. 660.

2837. Gandaritis fixseni.

Cidaria fixseni. Brem.: Lep. Ost. Sib., p. 100, pl. 8, f. 12 (1864).
Hydriomena fixseni. Meyrick: Trans. Ent. Soc., Lond., 1892, p. 72.
Gandaritis fixseni. Leech: Ann. Mag. N. H. (6), xix. p. 678 (1897).

a. Yokohama (Sansom).

Genus **POMASIA.** Guen.: Phal., i. p. 427 (1857).
Leiocera. Hampson: Ill. Typ. Lep. Het., B. M., ix. p. 152 (1893).

2838. Pomasia psylaria.

Pomasia psylaria. Guen.: l. c., 428. 702.
———— Walker: xxii. 656 (1861).
———— Moore: Lep. Ceylon, iii. p. 448, pl. 200. f. 2 (1887).
———— C. and S.: Cat. Moths of India, iv. 586. 4005 (1888).
———— Hmn.: Faun. Brit. Ind. Moths, iii. p. 387 (1895).

a. Ceylon.

2839. Pomasia amplificata. Pl. v. f. 13.

Pomasia amplificata. Walker: xxii. 658 (1861).

a. Sarawak, Borneo (type) (Wallace).

2840. Pomasia vernacularia.

Pomasia vernacularia. Guen.: Phal., i. 427. 701 (1857).
———— Walker: xxii. 658 (1861).

a. Sarawak, Borneo (3) (Wallace).

2841. Pomasia pulchrilinea.

Eupithecia pulchrilinea. Walker: xxxv. 1675 (1866).
Pomasia pulchrilinea. Hmn.: Faun. Brit. Ind. Moths, iii. p. 388 (1895).
Leiocera axis. Hmn.: Ill. Typ. Lep. Het., B. M., ix. p. 153, pl. 170, f. 22 (1893).
Pomasia moniliata. Warren: P. Z. S., Lond., 1893, p. 367, pl. 32, f. 9.

Type (*axis*). Ceylon, in B. M.
Type (*moniliata*). Khasia Hills, in coll. Elwes.
a. Sarawak, Borneo (type) (Wallace).

Genus **GYMNOSCELIS.** Mab.: Ann. Soc. Ent. Fr. (4), vii. p. 656 (1867).

Iramba. Moore: Lep. Ceylon, iii. p. 480 (1887).

2842. Gymnoscelis tibialis.

Iramba tibialis. Moore: l. c., p. 481, pl. 206, f. 2 ♀.
———— C. and S.: Cat. Moths of India, iv. 560. 3789 (1888).
———— Hmn.: Ill. Typ. Lep. Het., B. M., viii. 31. 876 (1891).
Gymnoscelis tibialis. Hmn.: Faun. Brit. Ind. Moths, iii. p. 390 (1895).

Type. Ceylon, in B. M.
a. Nilgiri Hills. b. Ceylon (Thwaites).

2843. Gymnoscelis derogata. Pl. v. f. 14.

Eupithecia derogata. Walker: xxxv. 1680 (1866),

a. Sarawak, Borneo (type) (Wallace).

2844. Gymnoscelis refusaria.

Acidalia refusaria. Walker: xxiii. 767 (1861).

a. Sarawak, Borneo (type) (Wallace).

Genus **MELITULIAS.** Meyrick: Proc. Linn. Soc., N. S. W., 1890, p. 857.

2845. Melitulias glandulata.

Phibalapteryx glandulata. Guen.: Phal., ii. 438. 1623, pl. 10, f. 6 (1857).
———— Walker: xxv. 1340 (1862).
Melitulias glandulata. Meyrick: l. c., p. 858.
Eubolia undulata. Rosentsk.: Ann. Mag. N. H. (5), xvi. p. 432 (1885).

Type (*undulata*). S. Australia, in B. M.
a. Van Diemen's Land (♂ ♀).

Genus **ZIRIDAVA.** Walker: xxvi. 1550 (1862).

Rhinoprora. Warren: Nov. Zool., ii. p. 110 (1895).

2846. Ziridava xylinaria.

Ziridava xylinaria. Walker: xxvi. 1550.
———— Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 186.
Chloroclystis xylinaria. Hmn.: Faun. Brit. Ind. Moths, iii. p. 392 (1895).
Menophra (?) *rubridisca.* Hmn.: Ill. Typ. Lep. Het., B. M., viii. p. 106, pl. 150, f. 8 (1891).

Type (*rubridisca*). Nilgiri Hills, in B. M.
a. Sarawak, Borneo (type) (Wallace). b. Sarawak (Wallace).
c. Khasia Hills.

2847. Ziridava intentata.

Eupithecia intentata. Walker: xxxv. 1676 (1866).
Chloroclystis intentata. Hmn.: Faun. Brit. Ind. Moths, iii. p. 391 (1895).

a. Sarawak, Borneo (type) (Wallace).

2848. Ziridava palpata.

Cidaria palpata. Walker: xxv. 1404 (1862).
Eupithecia palpata. Moore: Lep. Ceylon, iii. p. 479, pl. 206, f. 6 ♀ (1887).
———— C. and S.: Cat. Moths of India, iv. 558. 3775 (1888).
———— Hmn.: Ill. Typ. Lep. Het., B. M., viii. 31. 863 (1891).
Eupithecia variegata. Moore: l. c., f. 5.
———— Cotes and Swinh.: l. c., 559. 3782.
Eupithecia virescens. Moore: l. c., f. 4.
———— Cotes and Swinh.: l. c., 3783.

Type. South India, in B. M.
Types (*variegata* and *virescens*). Ceylon, in B. M.
a. Nilgiri Hills.

GENUS **PASIPHILA.** Meyrick: Trans. N. Zeal. Journ. Sci., i. p. 527 (1883).
Helastiodes. Warren: Nov. Zool., ii. p. 110 (1895).

2849. Pasiphila semialbata.

Eupithecia semialbata. Walker: xxvi. 1708 (1862).

Type. Auckland, in B. M.
a. North Island, New Zealand.

2850. Pasiphila muscosata.

Eupithecia (?) *muscosata.* Walker: xxiv. 1246 (1862).
Pasiphila muscosata. Meyrick: Trans. N. Zeal. Inst., 1887, p. 50.
Eupithecia cidariaria. Guen.: Ent. Mo. Mag., v. p. 62 (1868).
Cidaria aquosata. Felder: Reise Nov. Lep., pl. 132, f. 38 (1874).

Type. Auckland, in B. M.
Type (*aquosata*). New Zealand, in coll. Rothschild.
a. North Island, New Zealand.

GENUS **CERATORHYNCHUS.** Hampson: Ill. Typ. Lep. Het., B. M., ix. p. 154 (1893).

2851. Ceratorhynchus filicata.

Eupithecia filicata. Swinhoe: Trans. Ent. Soc., Lond., 1892, p. 1 ♂; 1894, p. 186.
Chloroclystis filicata. Hampson: Faun. Brit. Ind. Moths, iii. p. 393 (1895); iv. App., p. 558 (1896).
Ceratorhynchus deletarius. Hmn.: Ill. Typ. Lep. Het., B. M., ix. p. 154, pl. 170, f. 20 ♀.
Chloroclystis deletarius. Hampson: Faun. Brit. Ind. Moths, iii. p. 392.

Type. Khasia Hills, in B. M.
Type (*deletarius*). Ceylon, in B. M.
a. Khasia Hills (2).

GENUS **CHLOROCLYSTIS.** Hübn.: Verz., p. 323 (1816).

2852. Chloroclystis atroviridis.

Eupithecia atroviridis. Warren: P. Z. S., Lond., 1893, p. 384, pl. 31, f. 19.

Eupithecia atroviridis. Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 187.
Chloroclystis atroviridis. Hampson: Faun. Brit. Ind. Moths, iii. p. 393 (1895).

Type. Naga Hills, in coll. Elwes.
a. Khasia Hills (2).

2853. Chloroclystis indicata.

Eupithecia indicata. Walker: xxxv. 1675 (1866).
Chloroclystis indicata. Hampson: Faun. Brit. Ind. Moths, iii. p. 395 (1895).
Eupithecia confusata. Walker: xxxv. 1676.

a. Sarawak, Borneo (type) (Wallace). b. Sarawak (type *confusata*) (Wallace).

2854. Chloroclystis recensitaria.

Eupithecia recensitaria. Walker: xxiv. 1244 (1862).
Iramba recensitaria. Moore: Lep. Ceylon, iii. p. 481 (1887).
———— C. and S.: Cat. Moths of India, iv. 560. 3788 (1888).
———— Hampson: Ill. Typ. Lep. Het., B. M., viii. 31. 875 (1891); ix. p. 154, pl. 171, f. 19 (1893).
Chloroclystis recensitaria. Hmn.: Faun. Brit. Ind. Moths, iii. p. 395 (1895).
Botys (?) *imparatalis.* Walker: xxxiv. 1416 (1865).

Type. Ceylon, in B. M.
a. Sarawak, Borneo (type *imparatalis*) (Wallace).

Genus **PHRISSOGONUS.** Butler: Ann. Mag. N. H. (5), ix. p. 94 (1882).

2855. Phrissogonus laticostatus.

Larentia laticostata. Walker: xxiv. 1196 (1862).
Phrissogonus laticostatus. Meyrick: Proc. Linn. Soc., N. S. W., 1890, p. 801.
Scotosia canata. Walker: xxv. 1357 (1862).
Phrissogonus canatus. Butler: l. c.

Type. Sydney, in B. M.
Type (*canata*). Sydney, in B. M.
a. Sydney. b. Moreton Bay.

2856. Phrissogonus catastreptes.

Phrissogonus catastreptes. Meyrick: Proc. Linn. Soc., N. S. W., 1890, p. 797.
a. Van Diemen's Land.

Genus **MICRODES.** Guen.: Phal., ii. p. 297 (1857).

2857. Microdes villosata.

Microdes villosata. Guen.: l. c., 297. 1386, pl. 15, f. 8.
———— Walker: xxiv. 1209 (1862).
———— Meyrick: Proc. Linn. Soc., N. S. W., 1890, p. 802.
Panagra (?) *mixtaria* ♀. Walker: xxvi. 1663 (1862).
Microdes toriata. Felder: Reise Nov. Lep., pl. 131, f. 34 (1874).

Type (*mixtaria*). Tasmania, in B. M.
Type (*toriata*). New Zealand, in coll. Rothschild.
a. New South Wales. b. Van Diemen's Land (2).

2858. Microdes squamulata.

Microdes squamulata. Guen.: Phal., ii. 298. 1387 (1857).
——————— Walker: xxiv. 1210 (1862).
——————— Meyrick: Proc. Linn. Soc., N. S. W., 1890, p. 803.
Microdes sitellata. Guen.: l. c., 1398.
——————— Walker: xxiv. 1210.
a. Van Diemen's Land (1 ♂ 2 ♀).

GENUS **MARIABA.** Walker: xxxv. 1696 (1866).

2859. Mariaba convoluta.

Mariaba convoluta. Walker: xxxv. 1696.
a. Sarawak, Borneo (type) (Wallace).

GENUS **CARBIA.** Walker: xxxv. 1695 (1866).

2860. Carbia calescens. Pl. v. f. 15.

Carbia calescens. Walker: xxxv. 1695.
——————— Meyrick: Trans. Ent. Soc., Lond., 1897, p. 69.
a. Sarawak, Borneo (type) (Wallace).

GENUS **TEPHROCLYSTIA.** Hübn.: Verz., p. 323 (1816).
Eupithecia. Curt.: Brit. Ent., vi. p. 64 (1825).

2861. Tephroclystia infestata.

Eupithecia infestata. Swinhoe: P. Z. S., Lond., 1889, p. 430.
——————— Trans. Ent. Soc., Lond., 1894, p. 186.
Eupithecia signigera. Hampson (nec Butler): Ill. Typ. Lep. Het., B. M., viii. 31. 865 (1891).
Eupithecia signifera. Hampson: l. c., ix. 41. 1064 (1893).
Eupithecia rajata. Hmn.: (part) Faun. Brit. Ind. Moths, iii. p. 399 (1895).
Type. Mhow, in B. M.
a. India (4) (Hutton).

2862. Tephroclystia moderata. Pl. v. f. 25.

Eupithecia moderata. Walker: xxxv. 1673 (1866).
a. Sarawak, Borneo (type) (Wallace).

2863. Tephroclystia inexplicata.

Eupithecia inexplicata. Walker: xxxv. 1677 (1866).
a. Sarawak, Borneo (type) (Wallace).

2864. Tephroclystia latifascia.

Eupithecia latifascia. Walker: xxxv. 1674 (1866).
a. Sarawak, Borneo (type) (Wallace).

2865. Tephroclystia subtrita.

Eupithecia subtrita. Walker: xxxv. 1675 (1866).

a. Sarawak, Borneo (type) (Wallace).

The type specimen is a mere fragment.

2866. Tephroclystia semialbida. Pl. v. f. 16.

Eupithecia semialbida. Walker: xxxv. 1678 (1866).

a. Sarawak, Borneo (type) (Wallace).

2867. Tephroclystia obliterata. Pl. v. f. 26.

Eupithecia obliterata. Walker: xxxv. 1674 (1866).

a. Sarawak, Borneo (type) (Wallace).

2868. Tephroclystia subtristigera.

Eupithecia subtristigera. Walker: xxxv. 1679 (1866).

a. Sarawak, Borneo (type) (Wallace). b. Sarawak (Wallace).

The type specimen is much rubbed, the lines on the wings having become obsolete; specimen b, which has Walker's manuscript name *impervidata* on it, and to which I can find no reference, is well marked and is undoubtedly the same species.

2869. Tephroclystia perceptata. Pl. v. f. 17.

Eupithecia perceptata. Walker: xxxv. 1678 (1866).

a. Sarawak, Borneo (type) (Wallace).

2870. Tephroclystia metaspilata. Pl. v. f. 27.

Eupithecia metaspilata. Walker: xxxv. 1677 (1866).

a. Sarawak, Borneo (type) (Wallace).

This type should be in the B. M. according to Walker.

GENUS **BOSARA.** Walker: xxxv. 1693 (1866).
Axinoptera. Hampson: Ill. Typ. Lep. Het., B. M., ix. p. 154 (1893).

2871. Bosara infusata.

Eupithecia infusata. Walker: xxxv. 1676 ♀.
Bosara dilatata. Walker: xxxv. 1693.

a. Sarawak, Borneo (type) (Wallace). b. Sarawak (type *dilatata*) (Wallace).

2872. Bosara turgidata.

Bosara turgidata. Walker: xxxv. 1693 (1866).

a. Sarawak, Borneo (type) (Wallace). b. Sarawak.

2873. Bosara pelopsaria.

Bosara pelopsaria. Walker: xxxv. 1694 (1866).

a. Sula (type) (Wallace).

GENUS **ELVIA**. Walker: xxv. 1430 (1862).

2874. Elvia glaucata.

Elvia glaucata. Walker: xxv. 1431.
———— Felder: Reise Nov. Lep., pl. 132, f. 25 (1874).
———— Meyrick: Trans. N. Zeal. Inst., 1883, p. 65.
Elvia donovani. Felder: l. c., f. 5.

Type. Auckland, in B. M.
Type (*donovani*). New Zealand, in coll. Rothschild.
a. North Island, New Zealand.

GENUS **TRICHOPTERIGIA**. Hampson: Faun. Brit. Ind. Moths, iii. p. 403 (1895).

2875. Trichopterigia decorata.

Lobophora decorata. Moore: Descr. Ind. Lep. Atk., p. 272 (1888).
———— C. and S.: Cat. Moths of India, iv. 572. 3898 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 187.
Trichopterigia decorata. Hampson: l. c.

Type. Darjiling, in coll. Staudinger.
a. Khasia Hills (2).

GENUS **PHTHONOLOBA**. Warren: Nov. Zool., i. p. 397 (1894).

2876. Phthonoloba decussata.

Sauris decussata. Moore: P. Z. S., Lond., 1867, p. 655, pl. 33, f. 10.
Remodes decussata. C. and S.: Cat. Moths of India, iv. 560. 3793 (1888).
———— Hampson: Ill.Typ.Lep. Het., B.M., viii.31.877(1891).
———— Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 185.
Phthonoloba decussata. Warren: l. c.
———— Hmn.: Faun. Brit. Ind. Moths, iii. p. 407 (1895).

Type. Bengal, in coll. Russell.
a. Ootacamund (Minchin). b. Nilgiri Hills.

GENUS **SAURIS**. Guen.: Phal., ii. p. 361 (1857).
Remodes. Guen.: l. c., p. 362.
Holorista. Warren: Nov. Zool., i. p. 397 (1894).

2877. Sauris lineosa.

Remodes lineosa. Moore: Descr. Ind. Lep. Atk., p. 270, pl. 8, f. 10 (1888).
———— C. and S.: Cat. Moths of India, iv. 561. 3798 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 185.
Sauris lineosa. Hmn.: (part) Faun. Brit. Ind. Moths, iii. p. 410 (1895).
Sauris normis. Hampson: Faun. Brit. Ind. Moths, iii. p. 408 (1895); iv. App. p. 560 (1896).

Type. Darjiling, in coll. Staudinger.
Type (*normis*). Sikkim, in B. M.
a. Sarawak, Borneo (Wallace).

2878. Sauris mesogrammata.

Sauris mesogrammata. Walker: xxvi. 1709 (1862).

a. Sarawak, Borneo (type) (Wallace).

2879. Sauris proboscidaria.

Sauris proboscidaria ♀. Walker: xxiv. 1252 (1862).
———————— Hmn.: Faun. Brit. Ind. Moths, iii. p. 411 (1895).
Remodes proboscidaria. Moore: Lep. Ceylon, iii. p. 484, pl. 207, f. 6♀ (1887).
———————— C. and S.: Cat. Moths of India, iv. 561. 3800 (1888).
———————— Hmn.: Ill. Typ. Lep. Het., B.M., viii. 31. 880 (1891).
Holorista proboscidaria. Warren: Nov. Zool., i. p. 397 (1894).

Type. Ceylon, in B. M.
a. Ceylon (3) (Thwaites). b. India. c. Bangalore (Minchin). d. Nilgiri Hills.

GENUS **HYDRELIA.** Hübn.: Verz., p. 322 (1816).
Agnibesa. Moore: Descr. Ind. Lep. Atk., p. 256 (1888).
Autallacta. Warren: P. Z. S., Lond., 1893, p. 365.

2880. Hydrelia bicolorata.

Hyria bicolorata. Moore: P. Z. S., Lond., 1867, p. 642.
———————— C. and S.: Cat. Moths of India, iv. 582. 3972 (1888).
Hydrelia bicolorata. Hampson: Faun. Brit. Ind. Moths, iii. p. 413 (1895).
Eupithecia ferruginaria. Moore: l. c., p. 654.
———————— Cotes and Swinh.: l. c., 558. 3771.
Hyria ferruginaria. Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 182.
Hyria undulosata. Moore: Descr. Ind. Lep. Atk., p. 251.
———————— Cotes and Swinh.: l. c., 583. 3981.

Type. Bengal, in coll. Russell.
Type (*ferruginaria*). Darjiling, in coll. Russell.
Type (*undulosata*). Darjiling, in coll. Staudinger.
a. Assam (Jenkins).

2881. Hydrelia subobliquaria.

Timandra subobliquaria. Moore: P. Z. S., Lond., 1867, p. 644.
———————— C. and S.: Cat. Moths of India, iv. 585. 3994 (1888).
Autallacta subobliquaria. Warren: P. Z. S., Lond., 1893, p. 365.
Hydrelia subobliquaria. Hmn.: Faun. Brit. Ind. Moths, iii. p. 414 (1895).
Noreia sericea. Butler: Ann. Mag. N. H. (5), vi. p. 225 (1880).
———————— Ill. Typ. Lep. Het., B. M., vi. p. 82, pl. 119, f. 8 (1886).
———————— Cotes and Swinh.: l. c., 489. 3233.

Type. Bengal, in coll. Russell.
Type (*sericea*). N. E. Himalayas, in B. M.
a. India.

GENUS **ASTHENA.** Hübn.: Verz., p. 310 (1816).
Pseudostegania. Butler: Trans. Ent. Soc., Lond., 1881, p. 416.

2882. Asthena multifilaria.

Panagra multifilaria. Walker: xxvi. 1664 (1862).
a. Tasmania (type).

GENUS **CAMPTOGRAMMA.** Steph.: Ill. Brit. Ent. Haust., iii. p. 264 (1829).

2883. Camptogramma unduliferaria.

Cabera unduliferaria. Motsch.: Étud. d'Ent., 1860, p. 36.
Emmelesia albostrigaria. Brem.: Lep. Ost. Sib., p. 85, pl. 7, f. 13 (1864).
Cidaria albostrigaria. Staud. and W.: Cat., No. 2708 (1871).
——————— Alph.: Rom. sur Lep., vi. p. 79 (1892).
Hydriomena albostrigaria. Meyrick: Trans. Ent. Soc., Lond., 1892, p. 73.
Asthena albostrigaria. Leech: Ann. Mag. N. H. (6), xx. p. 84 (1897).
Cabera eliela. Butler: Ann. Mag. N. H. (5), i. p. 403 (1878).
——————— Ill. Typ. Lep. Het., B. M., iii. p. 43, pl. 51, f. 9 (1879).

Type (*eliela*). Yokohama, in B. M.
a. Japan.

GENUS **LACINIODES.** Warren: Nov. Zool., i. p. 393 (1894).

2884. Laciniodes plurilinearia.

Somatina plurilinearia. Moore: P. Z. S., Lond., 1867, p. 645.
——————— C. and S.: Cat. Moths of India, iv. 585. 3996 (1888).
Hydriomena plurilinearia. Meyrick: Trans. Ent. Soc., Lond., 1892, p. 73.
Laciniodes plurilinearia. Warren: l. c.
——————— Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 188.
Asthena plurilinearia. Hampson: Faun. Brit. Ind. Moths, iii. p. 417 (1895).
——————— Leech: Ann. Mag. N. H. (6), xx. p. 85 (1897).
Acidalia unistirpis. Butler: Ill. Typ. Lep. Het., B. M., ii. p. 51, pl. 37, f. 7 (1878).
——————— Alph.: Rom. sur Lep., vi. p. 54 (1892).
Camptogramma unistirpis. Oberth.: Étud. d'Ent., v. p. 54 (1880).

Type. Darjiling, in coll. Russell.
Type (*unistirpis*). Yokohama, in B. M.
a. India (3).

GENUS **POLYNESIA.** Swinhoe: Trans. Ent. Soc., Lond., 1892, p. 4.

2885. Polynesia sunandeva.

Pomasia sunandeva. Walker: xxii. 657 (1861).
Asthena sunandeva. Moore: Lep. Ceylon, iii. p. 449, pl. 200, f. 4 (1887).
——————— C. and S.: Cat. Moths of India, iv. 583. 3985 (1888).
Polynesia sunandeva. Swinhoe: l. c.
——————— Hampson: Ill. Typ. Lep. Het., B. M., ix. pp. 40 and 151 (1893).
——————— Faun. Brit. Ind. Moths, iii. p. 418 (1895).
Cambogia (?) *æriferata.* Walker: xxvi. 1588 (1862).

Type. Ceylon, in B. M.
Type (*æriferata*). Without locality, in B. M.
a. Ceylon (2) (Thwaites). b. Sarawak, Borneo (Wallace).

GENUS **PLACOTOME.** Warren: Nov. Zool., i. p. 395 (1894).

2886. Placotome truncapex.

Polynesia truncapex. Swinhoe: Trans. Ent. Soc., Lond., 1892, p. 5.

Polynesia truncapex. Swinhoe: l. c., 1894, p. 188.
———— Hmn.: Faun. Brit. Ind. Moths, iii. p. 418 (1895).
Placotome truncapex. Warren: l. c.

Type. Khasia Hills, in B. M.
a. Khasia Hills (2).

Genus **PSILOCAMBOGIA.** Hampson: Ill. Typ. Lep. Het., B. M., ix. p. 151 (1893).
Chalyboclydon. Warren: P. Z. S., Lond., 1893, p. 366.

2887. Psilocambogia memorata.

Pomasia memorata. Walker: xxii. 657 (1861).
Pseudasthena memorata. Moore: Lep. Ceylon, iii. p. 450, pl. 199, f. 8 (1887).
———— C. and S.: Cat. Moths of India, iv. 582. 3970 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 213.
Psilocambogia memorata. Hmn.: l. c., 40. 1048.
Cambogia memorata. Hmn.: Faun. Brit. Ind. Moths, iii. p. 419 (1895).
Acidalia ephyrata. Walker: xxvi. 1608 (1862).
Anisodes rapistriaria. Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 210, pl. 7, f. 9.
Psilocambogia rapistriaria. Swinhoe: l. c., 1894, p. 192.

Type. Moulmein, in B. M.
Type (*rapistriaria*). Rangoon, in B. M.
a. Sarawak, Borneo (type *ephyrata*) (Wallace). b. Khasia Hills (2).

Genus **CAMBOGIA.** Guen.: Phal., i. p. 431 (1857).
Pseudasthena. Moore: Lep. Ceylon, iii. p. 450 (1887).
Anthyria. Swinhoe: Trans. Ent. Soc., Lond., 1892, p. 2.

2888. Cambogia grataria.

Hyria grataria. Walker: xxii. 663 (1861).
———— Swinhoe: P. Z. S., Lond., 1885, p. 858.
Pseudasthena grataria. Moore: l. c., p. 451, pl. 200, f. 3.
———— C. and S.: Cat. Moths of India, iv. 582. 3968 (1888).
Anthyria grataria. Swinhoe: Trans. Ent. Soc., Lond., 1892, p. 2; 1894, p. 191.
———— Hmn.: Ill. Typ. Lep. Het., B. M., ix. p. 151 (1893).
Cambogia grataria. Hampson: Faun. Brit. Ind. Moths, iii. p. 421 (1895).
Acidalia pallicinctaria. Walker: xxvi. 1612 (1862).

Type. Ceylon, in B. M.
Type (*pallicinctaria*). Without locality, in B. M.
a. Nilgiri Hills. b. Ceylon (Thwaites).

2889. Cambogia versata. Pl. v. f. 23.

Hyria (?) *versata.* Walker: xxii. 667 (1861).

a. Sarawak, Borneo (type) (Wallace).

2890. Cambogia lunulosa.

Pseudasthena lunulosa. Moore: Lep. Ceylon, iii. p. 450, pl. 200, f. 5, 5 *a* (1887).
———— C. and S.: Cat. Moths of India, iv. 582. 3969 (1888).
Psilocambogia lunulosa. Hampson: Ill. Typ. Lep. Het., B. M., ix. 40. 1047 (1893).
Anthyria lunulosa. Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 191.
Cambogia lunulosa. Hampson: Faun. Brit. Ind. Moths, iii. p. 421 (1895).
Pseudasthena ochracea. Warren: Nov. Zool., i. p. 395 (1894).

Type. Ceylon, in B. M.
Type (*ochracea*). Khasia Hills, in coll. Rothschild.
a. Khasia Hills (2).

Genus **STAMNODES.** Guen.: Phal., ii. p. 515 (1857).

2891. Stamnodes pamphilata.

Stamnodes pamphilata. Felder: Reise Nov. Lep., pl. 132, f. 34 (1874).
———— C. and S.: Cat. Moths of India, iv. 570. 3885 (1888).
———— Warren: P. Z. S., Lond., 1888, p. 330.
———— Hmn.: Faun. Brit. Ind. Moths, iii. p. 423 (1895).

Type. Lahoul, in coll. Rothschild.
a. Thundiani, Punjab (Yerbury).

Genus **PSEUDOSTERRHA.** Warren: P. Z. S., Lond., 1888, p. 324.
Rhodometra. Meyrick: Trans. Ent. Soc., Lond., 1892, p. 75.

2892. Pseudosterrha sacraria.

Phalæna (*Geometra*) *sacraria.* Linn.: Syst. Nat., i. (2), 863. 220 (1759).
Phalæna sacraria. Fabr.: Sp. Ins., ii. 252. 57 (1781).
———— Mant. Ins., ii. 195. 88 (1787).
———— Ent. Syst., iii. (2), 159. 106 (1794).
Geometra sacraria. Esp.: Schm., v. p. 171, pl. 30, f. 8, 9 (1794).
———— Hübn.: Geom., pl. 38, f. 200 (1815).
Aspilates sacraria. Dup.: Lep. Fr., v. p. 121, pl. 178, f. 7 (1824).
Sterrha sacraria. Herr. Schäff.: Eur. Schm., iii. 108. 6, pl. 43, f. 264 (1847).
———— Guen.: Phal., ii. 175. 1206 (1857).
———— Walker: xxiv. 1058 (1862).
———— Moore: P. Z. S., Lond., 1867, p. 649.
———— Swinhoe: P. Z. S., Lond., 1884, p. 528; 1885, p. 862; 1886, p. 456.
———— Trans. Ent. Soc., Lond., 1885, p. 352.
———— Butler: P. Z. S., Lond., 1886, p. 390.
———— C. and S.: Cat. Moths of India, iv. 543. 3663 (1888).
———— Warren: l. c.
———— Hampson: Faun. Brit. Ind. Moths, iii. p. 424 (1895).
Rhodometra sacraria. Meyrick: l. c., p. 76.
———— Swinhoe: l. c., 1894, p. 192.
Phalæna labda. Cram.: Pap. Exot., ii. p. 129, pl. 181, f. D (1779).
Geometra sanguinaria. Esper.: l. c., p. 173, pl. 30, f. 10, 11.

a. India (4) (Hearsay).

Family **STERRHIDÆ.**

Genus **CRASPEDIA.** Hübn.: Verz., p. 312 (1816).
Runeca. Moore: Desc. Ind. Lep. Atk., p. 252 (1888).

2893. Craspedia walkeri.

Acidalia extimaria. Walker: xxiii. 794 (1861) (præocc.).
Idæa extimaria Moore: Lep. Ceylon, iii. p. 455, pl. 204, f. 5 (1887).
Idæa walkeri. Butler: P. Z. S., Lond., 1883, p. 170.
———— Swinhoe: P. Z. S., Lond., 1885, p. 857; 1886, p. 455.
———— C. and S.: Cat. Moths of India, iv. 579. 3952 (1888).
Anisodes walkeri. Hampson: Ill. Typ. Lep. Het., B. M., viii. p. 29, pl. 156, f. 7 (1891).
Acidalia walkeri. Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 180.
———— Leech: Ann. Mag. N. H. (6), xx. p. 92 (1897).
Craspedia walkeri. Hampson: Faun. Brit. Ind. Moths, iii. p. 427 (1895).

Type. Ceylon, in B. M.
a. Indore (5) (Hearsay).

2894. Craspedia perlineata.

Acidalia perlineata. Walker: xxiii. 775 (1861).

Type. Ceram, in B. M.
a. Ceram (Wallace).

2895. Craspedia vacuata.

Acidalia vacuata. Guen.: Phal., i. 504. 873 (1857).
———— Walker: xxiii. 761 (1861).
Ephyra privata. Walker: xxii. 638 (1861).
Acidalia pauperata. Walker: xxiii. 761.
Acidalia vagata. Walker: xxiii. 762.

a. Sarawak, Borneo (type *privata*) (Wallace). b. Sarawak (Wallace). c. Sarawak (type *pauperata*) (Wallace). d. Sarawak (type *vagata*) (Wallace).

2896. Craspedia quadræquata.

Acidalia quadræquata. Walker: xxiii. 762 (1861).

a. Sarawak, Borneo (type) (Wallace).

2897. Craspedia remotata.

Acidalia remotata. Guen.: Phal., i. 458. 762 (1857).
———— Walker: xxii. 748 (1861).
———— Moore: P. Z. S., Lond., 1877, p. 622.
———— Hmn.: Ill. Typ. Lep. Het., B. M., ix. 39. 1024 (1893).
———— Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 181.
———— Leech: Ann. Mag. N. H. (6), xx. p. 94 (1897).
Idæa remotata. Swinhoe: P. Z. S., Lond., 1884, p. 526; 1885, p. 857; 1886, p. 455.
———— C. and S.: Cat. Moths of India, iv. 579. 3948 (1888).
———— Hmn.: l. c., viii. 32. 915 (1891).

Craspedia remotata. Hmn.: Faun. Brit. Ind. Moths, iii. p. 433 (1895).
Acidalia nesciaria. Walker: xxii. 750.
———— Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 181.
Idæa nesciaria. Cotes and Swinh.: l. c., 578. 3942.
Acidalia negataria. Walker: xxii. 751.
Idæa negataria. Butler: P. Z. S., Lond., 1883, p. 170.
———— Swinhoe: l. c., 1885, p. 352.
———— P. Z. S., Lond., 1886, p. 455.
———— Hampson: Ill. Typ. Lep. Het., B. M., viii. 32. 912.
Acidalia attentata. Walker: xxii. 754.
———— Moore: l. c., 1877, p. 622; 1878, p. 852.
———— Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 181.
Idæa attentata. Moore: Lep. Ceylon, iii. p. 454, pl. 201, f. 5 (1887).
———— Cotes and Swinh.: l. c., 575. 3921.
———— Swinhoe: l. c., 1890, p. 212.
———— Hampson: l. c., 32. 903.
Idæa undulataria. Moore: Descr. Ind. Lep. Atk., p. 252 (1888).
———— Cotes and Swinh.: l. c., 579. 3951.

Types (*nesciaria* and *negataria*). Ceylon, in B. M.
Type (*attentata*). Moulmein, in B. M.
Type (*undulataria*). Darjiling, in coll. Staudinger.
a. Java. b. Indore (Hearsay).

2898. Craspedia optivata.

Acidalia optivata. Walker: xxiii. 780 (1861).
———— Meyrick: Pr. Linn. Soc., N. S. W., 1887, p. 861.
Acidalia recessata. Meyrick (nec Walker): Trans. Ent. Soc., Lond., 1886, p. 207.

Type. Tasmania, in B. M.
a. Van Diemen's Land. b. Adelaide. c. Queensland (2).

2899. Craspedia actuaria.

Acidalia actuaria. Walker: xxii. 752 (1861).
Idæa actuaria. Swinhoe: P. Z. S., Lond., 1884, p. 527; 1885, p. 875.
———— Moore: Lep. Ceylon, iii. p. 453, pl. 200, f. 8 (1887).
———— C. and S.: Cat. Moths of India, iv. 575. 3914 (1888).
———— Hmn.: Ill. Typ. Lep. Het., B. M., viii. 32. 902 (1891).
Acidalia actuaria. Hampson: l. c., ix. 39. 1021 (1893).
Craspedia actuaria. Hampson: Faun. Brit. Ind. Moths, iii. p. 432 (1895).
Acidalia destituta. Walker: xxxv. 1629 (1866).

Type. Colombo, Ceylon, in B. M.
a. Sula (type *destituta*) (Wallace). b. New Guinea.

2900. Craspedia absconditaria.

Acidalia absconditaria. Walker: xxiii. 757 (1861).
Idæa absconditaria. Butler: P. Z. S., Lond., 1883, p. 170.
———— Swinhoe: P. Z. S., Lond., 1885, p. 857; 1886, p. 455.
———— C. and S.: Cat. Moths of India, iv. 574. 3912 (1888).
Craspedia remotata. Hmn.: (part) Faun. Brit. Ind. Moths, iii. p. 433 (1895).

Type. China, in B. M.
a. India (Hearsay).

2901. Craspedia misera.

Acidalia misera. Walker: xxxv. 1630 (1866).

a. Flores (type) (Wallace).

2902. Craspedia damnata.

Nemoria (?) *damnata.* Walker: xxii. 536 (1861).

a. Sarawak, Borneo (type) (Wallace).

The type specimen is a male, not female as stated by Walker.

2903. Craspedia spatiosaria.

Acidalia spatiosaria. Walker: xxxv. 1631 (1866).

a. New Guinea (type) (Wallace).

2904. Craspedia inficita.

Acidalia inficita. Walker: xxxv. 1630 (1866).

a. Flores (type) (Wallace).

2905. Craspedia indotaria.

Acidalia indotaria. Walker: xxiii. 763 (1861).

a. Sarawak, Borneo (type) (Wallace).

2906. Craspedia fibulata.

Acidalia fibulata. Guen.: Phal., i. 490. 844, pl. 15, f. 5 (1857).
———— Walker: xxii. 753 (1861).
———— Hmn.: Ill. Typ. Lep. Het., B. M., ix. 39. 1020 (1893).
———— Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 181.
Idæa fibulata. C. and S.: Cat. Moths of India, iv. 577. 3930 (1888).
———— Hampson: l. c., viii. 32. 908 (1891).
Craspedia fibulata. Hmn.: (part) Faun. Brit. Ind. Moths, iii. p. 432 (1895).
Acidalia cleoraria. Walker: xxiii. 792 (1861).
Ephyra cleoraria. Butler: P. Z. S., Lond., 1883, p. 170.
———— Swinhoe: P. Z. S., Lond., 1885, p. 856; 1886, p. 454.

Type (*cleoraria*). N. India, in B. M.

a. Bombay (2). b. India (Hearsay).

2907. Craspedia vacillata.

Acidalia (?) *vacillata.* Walker: xxvi. 1608 (1862).

a. Sarawak, Borneo (type) (Wallace).

2908. Craspedia impersonata.

Acidalia impersonata. Walker: xxiii. 758 (1861).

Type. China, in B. M.

a. N. China.

2909. Craspedia idearia.

Idæa idearia. Swinhoe: P. Z. S., Lond., 1885, p. 857, pl. 56, f. 15.
———— C. and S.: Cat. Moths of India, iv. 577. 3934 (1888).
Craspedia idearia. Hampson: Faun. Brit. Ind. Moths, iii. p. 429 (1895).

Type. Poona, in B. M.

a. Indore (Hearsay).

2910. Craspedia pallida.

Idæa pallida. Warren : P. Z. S., Lond., 1888, p. 322.
———— S. and C. : Cat. Moths of India, vi. Add. 775. 3943 A (1889).
Craspedia pallida. Hampson: Faun. Brit. Ind. Moths, iii. p. 433 (1895).
Idæa sylvestraria. Butler (nec Hübner) : Ill. Typ. Lep. Het., B. M., vii. p. 22 (1889).
Idæa peralba. Swinhoe : Ann. Mag. N. H. (6), xii. p. 151 (1893).

Type. Thundiani, Punjab, in B. M.
Type (*peralba*). Fort Stedman, Shan States, in B. M.
a. India (5) (Hutton).

2911. Craspedia usticinctaria. Pl. v. f. 24.

Acidalia usticinctaria. Walker : xxiii. 765 (1861).
a. Sarawak, Borneo (type) (Wallace).

2912. Craspedia opicata.

Phalæna opicata. Fabr.: Ent. Syst. Suppl., p. 457 (1794).
Pigia opicata. Hampson : Ill. Typ. Lep. Het., B. M., ix. 40. 1043 (1893).
Craspedia opicata. Hampson : Faun. Brit. Ind. Moths, iii. p. 431 (1895).
Pigia infantularia. Guen. : Phal., ii. 20. 924 (1857).
———— Walker : xxiii. 813 (1861).
———— Snellen : Tijd. voor Ent., xxiv. p. 84 (1881).
———— Moore : Lep. Ceylon, iii. p. 461, pl. 203, f. 3 (1887).
———— C. and S. : Cat. Moths of India, iv. 589. 4026 (1888).
———— Hmn. : Ill. Typ. Lep. Het., B. M., viii. 33. 936 (1891).
Micronia vanaria. Walker : xxiii. 820.

Type. In Banksian Cabinet, in B. M.
Type (*vanaria* ♀). Ceylon, in B. M.
a. Ceylon (Thwaites).

2913. Craspedia nictata.

Acidalia nictata. Guen. : Phal., i. 506. 876 (1857).
———— Walker : xxii. 753 (1861).
Idæa nictata. C. and S.: Cat. Moths of India, iv. 578. 3943 (1888).
Craspedia nictata. Hampson : Faun. Brit. Ind. Moths, iii. p. 428 (1895).
Acidalia ligataria. Walker : xxii. 748.
Idæa ligataria. Swinhoe : P. Z. S., Lond., 1885, p. 857.
———— Cotes and Swinh. : l. c., 3939.
———— Swinhoe : Trans. Ent. Soc., Lond., 1890, p. 213.
———— Hampson : Ill. Typ. Lep. Het., B. M., viii. 32. 911 (1891).
Craspedia ligataria. Hampson : l. c., ix. p. 148, pl. 169, f. 19 (1893).

Type (*ligataria*). Moulmein, in B. M.
a. Indore (3) (Hearsay).

2914. Craspedia dimorphata.

Acidalia dimorphata. Snellen: Tijd. voor Ent., xxiv. p. 81, pl. 10, f. 6 (1881).
Idæa agnes. Butler: Trans. Ent. Soc., Lond., 1886, p. 437.

Type (*agnes*). Rockhampton, in B. M.
a. Queensland.

GENUS **LYCAUGES**. Butler: Ann. Mag. N. H. (5), iv. p. 373 (1879).

2915. Lycauges anaitisaria.

Acidalia (?) *anaitisaria*. Walker: xxiii. 795 (1861).
Idæa anaitisaria. C. and S.: Cat. Moths of India, iv. 575. 3919 (1888).
Lycauges anaitisaria. Hmn.: Ill. Typ. Lep. Het., B. M., viii. 30. 855 (1891).
Craspedia anaitisaria. Hmn.: Faun. Brit. Ind. Moths, iii. p. 435 (1895).

Type. South India, in B. M.

a. Nilgiri Hills.

2916. Lycauges defamataria.

Acidalia defamataria. Walker: xxii. 752 (1861).
Idæa defamataria. Swinhoe: P. Z. S., Lond., 1885, p. 857.
Lycauges defamataria. Moore: Lep. Ceylon, iii. p. 456, pl. 201, f. 2 ♀ (1887).
———— C. and S.: Cat. Moths of India, iv. 556. 3755 (1888).
———— Hampson: Ill. Typ. Lep. Het., B. M., viii. 30. 854 (1891); ix. 40. 1036 (1893).
Craspedia defamataria. Hmn.: Faun. Brit. Ind. Moths, iii. p. 435 (1895).

Type. Ceylon, in B. M.

a. India (Hearsay).

2917. Lycauges relictata.

Acidalia relictata. Walker: xxxv. 1629 (1866).
Idæa relictata. C. and S.: Cat. Moths of India, iv. 579. 3947 (1888).
Lycauges relictata. Warren: P. Z. S., Lond., 1888, p. 323.
Craspedia relictata. Hampson: Faun. Brit. Ind. Moths, iii. p. 436 (1895).
Lycauges demissus. Swinhoe: P. Z. S., Lond., 1886, p. 456.
———— Cotes and Swinh.: l. c., 556. 3756.

Type (*demissus*). Mhow, in B. M.

a. India (type).

GENUS **STERRHA**. Hübn.: Verz., p. 309 (1816).
Acidalia. Treit.: Schm. Eur., v. (2), p. 438 (1825).
Andragrupos. Hmn.: Ill. Typ. Lep. Het., B. M., viii. p. 119 (1891).

2918. Sterrha humeraria.

Acidalia humeraria. Walker: xxvi. 1606 (1862).
———— Hampson: Faun. Brit. Ind. Moths, iii. p. 437 (1895).
Idæa humeraria. C. and S.: Cat. Moths of India, iv. 577. 3933 (1888).
Idæa cerussina. Butler: Ill. Typ. Lep. Het., B. M., vii. p. 108, pl. 136, f. 14 (1889).

Type (*cerussina*). Dharmsala, in B. M.

a. India (type).

2919. Sterrha mundaria.

Acidalia mundaria. Walker: xxiii. 760 (1861).

a. Sarawak, Borneo (type ♀) (Wallace).

2920. Sterrha impletaria.

Acidalia impletaria. Walker: xxxv. 1631 (1866).

a. Mysol (type) (Wallace).

Genus **PTYCHOPODA.** Steph.: Ill. Brit. Ent. Haust., iii. p. 305 (1829).

Janarda. Moore: Descr. Ind. Lep. Atk., p. 265 (1888).

2921. Ptychopoda actiosaria.

Acidalia actiosaria. Walker: xxii. 750 (1861).
———— Hampson: Faun. Brit. Ind. Moths, iii. p. 438 (1895).
Idæa actiosaria. Moore: Lep. Ceylon, iii. p. 453, pl. 200, f. 11 ♂ (1887).
———— C. and S.: Cat. Moths of India, iv. 574. 3913 (1888).
———— Hmn.: Ill. Typ. Lep. Het., B. M., viii. 32. 901 (1891).
Acidalia renunciata. Walker: xxiii. 763 (1861).
Acidalia profanaria. Walker: xxxv. 1628 (1866).
Idæa profanaria. Cotes and Swinh.: l. c., 578. 3945.
———— Hampson: l. c., 914.

Type. Ceylon, in B. M.
Type (*profanaria*). South India, in B. M.
a. Sarawak, Borneo (type *renunciata*) (Wallace).

2922. Ptychopoda egenaria.

Acidalia egenaria. Walker: xxiii. 760 (1861).
a. Sarawak, Borneo (type) (Wallace).

Genus **EOIS.** Hübn.: Verz., p. 308 (1816).

2923. Eois albicostata.

Acidalia albicostata. Walker: xxiii. 779 (1861).
———— Meyrick: Proc. Linn. Soc., N. S. W., 1887, p. 844.
———— Trans. Ent. Soc., Lond., 1889, p. 484.
Idæa albicostata. Rosenstk.: Ann. Mag. N. H. (5), xvi. p. 439 (1885).
Acidalia costaria. Walker: xxvi. 1610 (1862).

Type. Sydney, in B. M.
Type (*costaria*). Moreton Bay, in B. M.
a. Van Diemen's Land.

Genus **CHRYSOLENE.** Warren: Nov. Zool., iv. p. 49 (1897).

Hyria. Steph.: Ill. Brit. Ent. Haust., iii. p. 292 (1829) (præocc.).

2924. Chrysolene deviaria.

Hyria deviaria. Walker: xxii. 664 (1861).
———— C. and S.: Cat. Moths of India, iv. 582. 3974 (1888).
Pseudasthena deviaria. Hmn.: Ill. Typ. Lep. Het., B. M., viii. 32. 921 (1891).
Psilocambogia deviaria. Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 192.
Acidalia deviaria. Hampson: Faun. Brit. Ind. Moths, iii. p. 442 (1895).
a. India (type).

2925. Chrysolene sanguinaria.

Anisodes sanguinaria. Moore: P. Z. S., Lond., 1867, p. 641.
———— C. and S.: Cat. Moths of India, iv. 533. 3581 (1888).

Acidalia sanguinaria. Hampson: Faun. Brit. Ind. Moths, iii. p. 442 (1895).

Type. Bengal, in coll. Russell.

a. India. b. Assam (Jenkins).

GENUS **EMMILTIS.** Hübn.: Verz., p. 309 (1816).

2926. Emmiltis rubraria.

Ptychopoda (?) *rubraria.* Double.: Dieffenbach's New Zeal., i. 286. 12 (1843).
Acidalia (?) *rubraria.* Walker: xxiii. 781 (1861).
———— Meyrick: Trans. N. Zeal. Inst., 1883, p. 57.
Acidalia figlinaria. Guen.: Phal., i. p. 454, pl. 12, f. 8 (1857).
———— Walker: xxiii. 775.
Acidalia repletaria. Walker: xxiii. 778.
Acidalia attributa. Walker: xxiii. 779.
Fidonia (?) *acidalaria.* Walker: xxiv. 1037 (1862).

Types (*repletaria* and *attributa*). Sydney, in B. M.
Type (*acidalaria*). New Zealand, in B. M.
a. Van Diemen's Land (5).

GENUS **CHRYSOCRASPEDA.** Hampson: Faun. Brit. Ind. Moths, iii. p. 443 (1895).

2927. Chrysocraspeda abhadraca.

Ephyra abhadraca. Walker: xxii. 636 (1861).
———— C. and S.: Cat. Moths of India, iv. 529. 3550 (1888).
———— Hmn.: Ill. Typ. Lep. Het., B. M., viii. 28. 796 (1891).
Cyclophora abhadraca. Moore: Lep. Ceylon, iii. p. 442, pl. 199, f. 3, 3*a* (1887).
Hyria abhadraca. Hampson: l. c., ix. 39. 1031 (1893).
Chrysocraspeda abhadraca. Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 180.
———— Hmn.: Faun. Brit. Ind. Moths, iii. p. 443 (1895).

Type. Ceylon, in B. M.
a. Ceylon (Thwaites).

2928. Chrysocraspeda cerasina.

Chrysocraspeda cerasina. Swinhoe: Ann. Mag. N. H. (6), xii. p. 157 (1893).
Chrysocraspeda olearia. Hmn.: (part) Faun. Brit. Ind. Moths, iii. p. 444 (1895).

Type. Ceylon, in B. M.
a. India.

2929. Chrysocraspeda conversata.

Hyria conversata. Walker: xxii. 666 (1861).
a. Sarawak, Borneo (type) (Wallace).

GENUS **ANISEPHYRA.** Warren: Nov. Zool., iii. p. 369 (1896).

2930. Anisephyra albannularia.

Thalassodes albannularia. Walker: xxii. 554 (1861).
Thalera albannularia. Moore: Lep. Ceylon, iii. p. 429 (1887).
———— C. and S.: Cat. Moths of India, iv. 519. 3474 (1888).
Anisephyra albannularia. Warren: l. c.

Ephyra albannularia. Hampson: Faun. Brit. Ind. Moths, iv. App. p. 563 (1896).
Epione (?) *invexata.* Walker: xxvi. 1497 (1862).
Ephyra invexata. Swinhoe: P. Z. S., Lond., 1885, p. 856; 1886, p. 455.
———— Cotes and Swinh.: l. c., 529. 3553.
———— Hmn.: Ill. Typ. Lep. Het., B.M., ix. 39. 1007 (1893).
———— Faun. Brit. Ind. Moths, iii. p. 445 (1895).
Cyclophora invexata. Moore: l. c., p. 442, pl. 199, f. 2.
Ephyra monochromata. Walker: xxvi. 1754.
Ephyra quieta. Swinhoe: P. Z. S., Lond., 1885, p. 856, pl. 56, f. 1.
———— Cotes and Swinh.: l. c., 530. 3555.
———— Hmn.: Ill. Typ. Lep. Het., B. M., viii. 28. 798 (1891).
Cyclophora quieta. Moore: l. c., p. 443, pl. 199, f. 1, 1 *a*.
Ephyra maculifascia. Hampson: l. c., p. 111, pl. 151, f. 9.
Anisephyra albannularia-incorrupta. Warren: l. c., p. 370.

Type. Ceylon, in coll. Layard.
Type (*monochromata*). India, in B. M.
Type (*quieta*). Poona, in B. M.
Type (*maculifascia*). Nilgiri Hills, in B. M.
Type (*incorrupta*). Dili, Timor, in coll. Rothschild.
a. India (type *invexata*). b. Indore (2) (Hearsay).
A very variable moth.

Genus **PERIXERA.** Meyrick: Trans. Ent. Soc., Lond., 1886, p. 209.

2931. Perixera obrinaria.

Ephyra obrinaria. Guen.: Phal., i. 414. 675 (1857).
———— Walker: xxii. 636 (1861).
Anisodes obrinaria. Moore: Lep. Ceylon, iii. p. 443, pl. 199, f. 4 *a* ♀ (1887).
———— C. and S.: Cat. Moths of India, iv. 532. 3573 (1888).
———— Hmn.: Ill. Typ. Lep. Het., B. M., viii. 29. 802 (1891).
———— Faun. Brit. Ind. Moths, iii. p. 446 (1895).
Perixera obrinaria. Meyrick: l. c., 1889, p. 487.
———— Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 178.
Anisodes obliviaria. Walker: xxii. 643.
Acidalia contrariata. Walker: xxiii. 770 (1861).
Anisodes similaria. Walker: xxvi. 1582 (1862).
———— Cotes and Swinh.: l. c., 533. 3582.
———— Swinhoe: l. c., 1890, p. 209.
Anisodes caligata. Walker: xxvi. 1584.
———— Moore: l. c., p. 444, pl. 199, f. 4 ♂.
———— Cotes and Swinh.: l. c., 530. 3561.
Anisodes suspicaria. Snellen: Tijd. voor Ent., xxiv. p. 80, pl. 8, f. 6 (1881).

Types (*obliviaria* and *caligata*). Ceylon, in B. M.
Type (*similaria*). Moulmein, in B. M.
a. Khasia Hills (2). b. Sarawak, Borneo (type *contrariata*) (Wallace).
The type specimen of *contrariata* is a much faded female.

2932. Perixera absconditaria.

Anisodes absconditaria. Walker: xxvi. 1580 (1862).

Anisodes absconditaria. C. and S.: Cat. Moths of India, iv. 530. 3558 (1888).
———— Hampson: Ill. Typ. Lep. Het., B. M., viii. 29. 800, pl. 156, f. 16 (1891); ix. 38. 993 (1893).
———— Faun. Brit. Ind. Moths, iii. p. 447 (1895).
Perixera absconditaria. Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 178.
Anisodes patruelis. Moore: Lep. Ceylon, iii. p. 444, pl. 199, f. 10 ♀ (1887).
———— Cotes and Swinh.: l. c., 532. 3577.
———— Hampson: l. c., viii. 29. 804.

Type. South India, in B. M.
Type (*patruelis*). Ceylon, in B. M.
a. Sarawak, Borneo (Wallace). b. Singapore (2). c. India. d. Darjiling.

GENUS **ANISODES.** Guen.: Phal., i. p. 415 (1857).

2933. Anisodes interpulsata.

Anisodes interpulsata. Walker: xxii. 642 (1861).
———— C. and S.: Cat. Moths of India, iv. 531. 3568 (1888).
———— Hmn.: Faun. Brit. Ind. Moths, iii. p. 447 (1895).
Anisodes arenosaria. Moore: Lep. Ceylon, iii. p. 445, pl. 202, f. 1 (1887).
———— Cotes and Swinh.: l. c., 530. 3560.
———— Hmn.: Ill. Typ. Lep. Het., B. M., viii. 29. 801 (1891).
Craspedia arenosaria. Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 181.

Type (*arenosaria*). Ceylon, in B. M.
a. India (type). b. Khasia Hills.

2934. Anisodes argentispila.

Anisodes argentispila. Warren: P. Z. S., Lond., 1893, p. 361.
———— Hmn.: Faun. Brit. Ind. Moths, iii. p. 448 (1895).
Anisodes hyperythra. Swinhoe: Ann. Mag. N. H. (6), xiv. p. 135 (1894).

Type. Naga Hills, in coll. Elwes.
Type (*hyperythra*). Cherra Punji, in B. M.
a. Khasia Hills (2).

2935. Anisodes decretaria.

Anisodes (?) *decretaria.* Walker: xxii. 650 (1861).
Anisodes contractata. Walker: xxvi. 1585 (1862).

a. Sarawak, Borneo (type ♂) (Wallace).
b. Sarawak (type ♀ *contractata*) (Wallace).

GENUS **PISORACA.** Walker: xxiv. 1078 (1862).
Trirachopoda. Hmn.: Ill. Typ. Lep. Het., B. M., ix. p. 147 (1893).

2936. Pisoraca obstataria.

Acidalia obstataria. Walker: xxiii. 769 (1861).
Anisodes obstataria. Hampson: Faun. Brit. Ind. Moths, iii. p. 449 (1894).
Trirachopoda obstataria. Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 178.
Anisodes subroseata. Walker: xxvi. 1583 (1862).
———— C. and S.: Cat. Moths of India, iv. 533. 3583 (1888).
Anisodes acuta. Moore: Lep. Ceylon, iii. p. 445, pl. 215, f. 9 (1887).

Anisodes acuta. Cotes and Swinh.: l. c., 530. 3559.
Ephyra subdolaria. Swinhoe: P. Z. S., Lond., 1885, p. 856.
——————— Cotes and Swinh.: l. c., 3557.

Types (*subroseata* and *acuta*). Ceylon, in B. M.
Type (*subdolaria*). Bombay, in B. M.
a. Sarawak, Borneo (type) (Wallace).

2937. Pisoraca monetaria.

Anisodes monetaria. Guen.: Phal., i. 418. 683 (1857).
——————— Walker: xxii. 646 (1861).
——————— Hmn.: (part) Faun. Brit. Ind. Moths, iii. p. 450 (1895).

a. Ceylon (Thwaites).

2938. Pisoraca lichenaria.

Anisodes lichenaria. Swinhoe: Trans. Ent. Soc., Lond., 1892, p. 8; 1894, p. 178.
Perixera obscurata. Warren: P. Z. S., Lond., 1893, p. 361, pl. 32, f. 20.
Anisodes monetaria. Hmn.: (part) Faun. Brit. Ind. Moths, iii, p. 450 (1895).

Type. Khasia Hills, in B. M.
Type (*obscurata*). Sikkim, in coll. Elwes.
a. Khasia Hills (2).

2939. Pisoraca thermosaria. Pl. v. f. 22.

Acidalia thermosaria. Walker: xxvi. 1607 (1862).

a. Sarawak, Borneo (type) (Wallace).

2940. Pisoraca scriptata. Pl. vi. f. 20.

Anisodes (?) *scriptata.* Walker: xxii. 650 (1861).

a. Sarawak, Borneo (type) (Wallace).
The type specimen is a female, not male as stated by Walker.

2941. Pisoraca responsaria.

Anisodes responsaria. Walker: xxii. 647 (1861).

a. Sarawak, Borneo (type) (Wallace).

Genus **MESOTROPHE.** Hampson: Ill. Typ. Lep. Het., B. M., ix. p. 148 (1893).

2942. Mesotrophe maximaria.

Anisodes maximaria. Guen.: Phal., i. 419. 686 (1857).
——————— Walker: xxii. 646 (1861).
——————— Hmn.: Faun. Brit. Ind. Moths, iii. p. 451 (1895).
Mesotrophe maximaria. Hmn.: Ill. Typ. Lep. Het., B. M., ix. 38. 1003.
Anisodes immonstrata. Walker: xxvi. 1584 (1862).
Anisodes alienaria. Walker: xxvi. 1586.

Type (*alienaria*). Without locality, in B. M.
a. Sarawak, Borneo (type *immonstrata*) (Wallace).

2943. Mesotrophe intortaria.

Anisodes intortaria. Guen.: Phal., i. 419. 687 (1857).

Anisodes intortaria. Walker: xxii. 646 (1861).
———— Snellen: Tijd. voor Ent., xxiv. p. 80 (1881).
———— Hmn.: Faun. Brit. Ind. Moths, iii. p. 450 (1895).
Anisodes expunctaria. Walker: Journ. Linn. Soc., Lond., iii. p. 195 (1859).
———— xxii. 645.
Mesotrophe expunctaria. Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 178.
Anisodes responsaria (*var.*). Walker: xxii. 648.
Anisodes ovisignata. Moore: Lep. Ceylon, iii. p. 444 (1887).
———— C. and S.: Cat. Moths of India, iv. 532. 3574 (1888).
Mesotrophe ovisignata. Hmn.: Ill. Typ. Lep. Het., B.M., ix. 38. 1002 (1893).

Type (*ovisignata*). Ceylon, in B. M.
a. Singapore (type *expunctaria*) (Wallace).

GENUS **ZEUGMA.** Walker: xxvi. 1623 (1862).
Dizuga. Warren: Nov. Zool. iii. p. 372 (1896).

2944. Zeugma recusataria.

Zeugma recusataria. Walker: xxvi. 1623.
a. Sarawak, Borneo (type) (Wallace).

GENUS **ORGANOPODA.** Hampson: Ill. Typ. Lep. Het., B. M., ix. p. 147 (1893).

2945. Organopoda carnearia.

Anisodes carnearia. Walker: xxii. 644 (1861).
———— Moore: Lep. Ceylon, iii. p. 444, pl. 199, f. 6 ♀ (1887).
———— C. and S.: Cat. Moths of India, iv. 531. 3562 (1888).
Organopoda carnearia. Hmn.: l. c.
———— Faun. Brit. Ind. Moths, iii. p. 451 (1895).
Erythrolophus carnearia. Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 180.

Type. Ceylon, in B. M.
a. Khasia Hills.

GENUS **MNESITHETIS.** Warren: ined.

Antennæ of male minutely serrate and fasciculate; hind-tibiæ dilated, with a tuft of hair from the base, a terminal pair of spurs, thickly clothed with hair.

2946. Mnesithetis idæa.

Hemithea idæa. Swinhoe: Trans. Ent. Soc., Lond., 1892, p. 6.
Dithalma idæa. Swinhoe: l. c., 1894, p. 179.
Erythrolophus idæa. Hmn.: Faun. Brit. Ind. Moths, iii. p. 452 (1895).

Type. Khasia Hills, in B. M.
a. Khasia Hills (2).

2947. Mnesithetis validaria.

Thalassodes validaria. Walker: xxxv. 1607 (1866).
Ephyra validaria. Hmn.: Faun. Brit. Ind. Moths, iii. p. 446 (1895).
Iodis thalassica. Moore: Lep. Ceylon, iii. p. 430, pl. 194, f. 6 (1887).
———— C. and S.: Cat. Moths of India, iv. 526. 3532 (1888).

Iodis thalassica. Hampson: Ill. Typ. Lep. Het., B. M., viii. 28. 788 (1891); ix. 38. 987 (1893).
Euchloris thalassica. Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 175.
Type (*thalassica*). Ceylon, in B. M.
a. Makian, Celebes (type) (Wallace).

Genus **DISCOGLYPHA.** Warren: Nov. Zool., iii. p. 110 (1896).
Triorisma. Warren: l. c., iv. p. 395 (1897).

2948. Discoglypha hampsoni.

Idæa hampsoni. Swinhoe: Trans. Ent. Soc., Lond., 1892, p. 14.
Dithalma hampsoni. Swinhoe: l. c., 1894, p. 179.
Erythrolophus hampsoni. Hmn.: Faun. Brit. Ind. Moths, iii. p. 453 (1895).
Discoglypha hampsoni. Warren: l. c., iii. p. 110.
Type. Khasia Hills, in B. M.
a. Khasia Hills.

Genus **SYNEGIODES.** Swinh.: Trans. Ent. Soc., Lond., 1892, p. 11.

2949. Synegiodes hyriaria.

Anisodes hyriaria. Walker: xxxv. 1617 (1866).
———— Moore: P. Z. S., Lond., 1867, p. 641.
———— Butler: Ill. Typ. Lep. Het., B. M., vi. p. 75, pl. 118, f. 5 (1886).
———— C. and S.: Cat. Moths of India, iv. 531. 3565 (1888).
Erythrolophus hyriarius. Hampson: (part) Faun. Brit. Ind. Moths, iii. p. 453 (1895).
Type. N. India, in B. M.
a. India (3).

2950. Synegiodes histrionaria.

Synegiodes histrionaria. Swinhoe: Trans. Ent. Soc., Lond., 1892, p. 12; 1894, p. 180.
Erythrolophus hyriarius. Hampson: (part) Faun. Brit. Ind. Moths, iii. p. 453 (1895).
Type. Khasia Hills, in B. M.
a. Khasia Hills (2).

Genus **CRASPEDIOPSIS.** Warren: Nov. Zool., ii. p. 93 (1895).

2951. Craspediopsis pallivittata.

Anisodes pallivittata. Moore: P. Z. S., Lond., 1867, p. 641.
———— C. and S.: Cat. Moths of India, iv. 532. 3576 (1888).
Craspedia pallivittata. Waterhouse: Aid., ii. pl. 151, f. 3 (1884).
———— Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 181.
Erythrolophus pallivittatus. Hmn.: Faun. Brit. Ind. Moths, iii. p. 454 (1895).
Craspediopsis pallivittata. Warren: l. c.
Type. Bengal, in coll. Russell.
a. Khasia Hills.

2952. Craspediopsis bimaculata.

Craspediopsis bimaculata. Warren: Nov. Zool., ii. p. 94 (1895).

Type. Khasia Hills, in coll. Rothschild.

a. Khasia Hills (2).

GENUS **ERYTHROLOPHUS.** Swinhoe: Trans. Ent. Soc., Lond., 1892, p. 10.

Tanaotrichia. Warren: P. Z. S., Lond., 1893, p. 360.

2953. Erythrolophus albivertex.

Idæa albivertex. Swinhoe: l. c., p. 15.
Dithalma albivertex. Swinhoe: l. c., 1894, p. 179.
Erythrolophus albivertex. Hmn.: Faun. Brit. Ind. Moths, iii. p. 455 (1895).

Type. Khasia Hills, in B. M.

a. Khasia Hills (2).

2954. Erythrolophus prasonarius.

Phyletis prasonaria. Swinhoe: Trans. Ent. Soc., Lond., 1892, p. 455.
Rhodostrophia prasonaria. Swinhoe: l. c., 1894, p. 181.
Erythrolophus prasonarius. Hmn.: Faun. Brit. Ind. Moths, iii. p. 455 (1895).
Tanaotrichia trilineata. Warren: P. Z. S., Lond., 1893, p. 361, pl. 32, f. 2.

Type. Khasia Hills, in B. M.

Type (*trilineata*). Sikkim, in coll. Elwes.

a. Khasia Hills (2).

GENUS **RHODOSTROPHIA.** Hübn.: Verz., p. 300 (1816).

Eusarca. Herr. Schäff.: Eur. Schm., iii. p. 34 (1847).

Phyletis. Guen.: Phal., ii. p. 169 (1857).

Delocharis. Butler: P. Z. S., Lond., 1883, p. 172.

2955. Rhodostrophia vinacearia.

Anisodes (?) *vinacearia.* Moore: P. Z. S., Lond., 1867, p. 642.
——— C. and S.: Cat. Moths of India, iv. 533. 3584 (1888).
Rhodostrophia vinacearia. Hmn.: Faun. Brit. Ind. Moths, iii. p. 455 (1895).
——— Leech: Ann. Mag. N. H. (6), xx. p. 108 (1897).
Rhodostrophia stigmatica. Butler: Ill. Typ. Lep. Het., B. M., vii. p. 110, pl. 136, f. 19, 20 (1889).
——— Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 181.

Type. Bengal, in B. M.

Type (*stigmatica*). Dharmsala, in B. M.

a. India (Hutton). b. Khasia Hills (3).

2956. Rhodostrophia pelloniaria.

Phyletis pelloniaria. Guen.: Phal., ii. 169. 1197 (1857).
——— Walker: xxiv. 1053 (1862).
——— C. and S.: Cat. Moths of India, iv. 545. 3674 (1888).
——— Warren: P. Z. S., Lond., 1888, p. 323.

Rhodostrophia pelloniaria. Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 181.
———— Hmn.: Faun. Brit. Ind. Moths, iii. p. 456 (1895).
———— Leech: Ann. Mag. N. H. (6), xx. p. 108 (1897).

a. Khasia Hills (2).

Genus **CALOTHYSANIS.** Hübn.: Verz., p. 301 (1816).
Timandra. Dup.: Lep. Fr., vii. (2), pp. 105. 225 (1829).

2957. Calothysanis convectaria.

Timandra convectaria. Walker: xxiii. 800 (1861).
———— Moore: P. Z. S., Lond., 1867, p. 644.
———— C. and S.: Cat. Moths of India, iv. 584. 3991 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 177.
Erastria convectaria. Moore: Lep. Ceylon, iii. p. 457, pl. 202, f. 3, 3*a* (1887).
Timandra comptaria. Walker: xxvi. 1615 (1862).
———— Swinhoe: l. c.; and 1890, p. 214.
———— Hmn.: Ill. Typ. Lep. Het., B. M., viii. 33. 929 (1891).
Timandra amataria. Hmn.: (part) Faun. Brit. Ind. Moths, iii. p. 458 (1895).

Type. Silhet, in B. M.
Type (*comptaria*). China, in B. M.
a. India. b. Ceylon (Thwaites). c. Japan.

2958. Calothysanis responsaria.

Timandra responsaria. Moore: Descr. Ind. Lep. Atk., p. 255 (1888).
———— C. and S.: Cat. Moths of India, iv. 584. 3992 (1888).
———— Hmn.: Ill. Typ. Lep. Het., B. M., viii. 33. 930 (1891).
———— Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 177.
———— Hmn.: Faun. Brit. Ind. Moths, iii. p. 459 (1895).

Type. Cherra Punji, in coll. Staudinger.
a. Indore (3) (Hearsay).

Genus **GNAMPTOLOMA.** Warren: Nov. Zool., ii. p. 95 (1895).

2959. Gnamptoloma aventiaria.

Timandra aventiaria. Guen.: Phal., ii. 3. 896 (1857).
———— Walker: xxiii. 801 (1861); xxvi. 1617 (1862).
———— Moore: P. Z. S., Lond., 1867, p. 644.
———— C. and S.: Cat. Moths of India, iv. 584. 3990 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 214; 1894, p. 177.
———— Hmn.: Ill. Typ. Lep. Het., B. M., viii. 32. 928 (1891).
———— Faun. Brit. Ind. Moths, iii. p. 459 (1895).
Erastria aventiaria. Moore: Lep. Ceylon, iii. p. 458, pl. 202, f. 4, 4a (1887).
Gnamptoloma aventiaria. Warren: l. c.
———— Hmn.: Ill. Typ. Lep. Het., B. M., ix. 40. 1040 (1893).
Timandra molybdias. Meyrick: Trans. Ent. Soc., Lond., 1889, p. 488.

Type (*molybdias*). Port Moresby, in coll. Meyrick.
a. Queensland (♂ ♀). b. N. India (Drinkwater).

2960. Gnamptoloma chlorozonaria.

Thalassodes chlorozonaria. Walker: xxii. 554 (1861).

Thalassodes chlorozonaria. C. and S.: Cat. Moths of India, iv. 516. 3452 (1888).
Timandra chlorozonaria. Hampson: Faun. Brit. Ind. Moths, iv. App., p. 563 (1896).
Acidalia (?) *mundissima.* Walker: xxiii. 795 (1861).
Idæa mundissima. C. and S.: Cat. Moths of India, iv. 578. 3941 (1888).
Timandra mundissima. Hmn.: Ill. Typ. Lep. Het., B. M., viii. 33. 931 (1891).
———— Faun. Brit. Ind. Moths, iii. p. 460 (1895).
Timandra (?) *diatomata.* Walker: xxvi. 1616 (1862).
———— Cotes and Swinh.: l. c., 519. 3478.
Thalera diatomata. Swinhoe: P. Z. S., Lond., 1884, p. 526.
Timandra diatomaria. Swinhoe: P. Z. S., Lond., 1885, p. 854; 1886, p. 454.
Timandra semicompleta. Walker: xxvi. 1616.
———— Cotes and Swinh.: l. c., 585. 3993.

Type. Ceylon, in coll. Layard.
Type (*mundissima*). South India, in B. M.
Type (*semicompleta*). Moulmein, in B. M.
a. India (type *diatomata*). b. India.

GENUS **ANTITRYGODES.** Warren: Nov. Zool., ii. p. 90 (1895).

2961. Antitrygodes divisaria.

Macaria divisaria. Walker: xxiii. 927 (1861).
Trygodes divisaria. Moore: P. Z. S., Lond., 1867, p. 642; 1877, p. 621.
———— C. and S.: Cat. Moths of India, iv. 585. 4001 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 184.
———— Hampson: Ill. Typ. Lep. Het., B. M., ix. 40. 1042 (1893).
———— Faun. Brit. Ind. Moths, iii. p. 460 (1895).

Type. Canara, in B. M.
a. India.

2962. Antitrygodes cuneilinea.

Geometra cuneilinea. Walker: xxvi. 1752 (1862).
———— C. and S.: Cat. Moths of India, iv. 514. 3434 (1888).
Trygodes cuneilinea. Hampson: Faun. Brit. Ind. Moths, iii. p. 461 (1895).

a. India (type).

GENUS **PROBLEPSIS.** Led.: Verh. zool.-bot. Ges. Wien., 1852, Abh. p. 74 (1853).
Caloptera. Friv.: Magyar Tesm.-tudm. Tars. Evk., i. p. 185 (1841–5) (præocc.).
Argyris. Guen.: Phal., ii. p. 12 (1857).

2963. Problepsis deliaria.

Argyris deliaria. Walker: xxiii. 808 (1861).
———— C. and S.: Cat. Moths of India, ii. 187. 1259 (1887).
Problepsis deliaria. Moore: Lep. Ceylon, iii. p. 539, pl. 202, f. 6. 9 (1887).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 191; 1894, p. 183.
———— Hampson: Ill. Typ. Lep. Het., B. M., viii. 9. 230 (1891); ix. 39. 1008 (1893).
———— Faun. Brit. Ind. Moths, iii. p. 462 (1895).

Problepsis deliaria. Leech: Ann. Mag. N. H (6), xx. p. 110 (1897).
Problepsis appollinaria. Butler (nec Guen.): Ill. Typ. Lep. Het., B. M., vii. p. 7 (1889).
———— Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 183.

Type. Ceylon, in B. M.
a. India (2).

2964. Problepsis appollinaria.

Argyris appollinaria. Guen.: Phal., ii. 13. 909 (1857).
———— Walker: xxiii. 809 (1861).

a. Sarawak, Borneo (Wallace).

2965. Problepsis delphiaria.

Argyris delphiaria. Guen.: Phal., ii. 14. 911 (1857).
———— Walker: xxiii. 808 (1861).
———— C. and S.: Cat. Moths of India, ii. 187. 1260 (1887).
Problepsis delphiaria. Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 183.
———— Hampson: Faun. Brit. Ind. Moths, iii. p. 462 (1895).
———— Leech: Ann. Mag. N. H. (6), xx. p. 109 (1897).
Problepsis vulgaris. Butler: Ill. Typ. Lep. Het., B. M., vii. p. 43, pl. 125, f. 2 (1889).
———— Hmn.: Ill. Typ. Lep. Het., B. M., viii. 9. 231 (1891).
Argyris ocellata. Moore (nec Friv.): P. Z. S., Lond., 1867, p. 645.
———— Journ. As. Soc., Beng., liii. (2), 3, p. 237 (1884).
———— Cotes and Swinh.: l. c., 1263.

Type (*vulgaris*). Kangra, in B. M.
a. India (4) (Ashmol. Mus.). b. Silhet (2).

Genus **DITHALAMA.** Meyrick: Proc. Linn. Soc., N. S. W., 1887, p. 840.

2966. Dithalama extrusata.

Ephyra extrusata. Walker: xxii. 637 (1861).
Argyris extrusata. Swinhoe: P. Z. S., Lond., 1885, p. 306; 1886, p. 441.
———— C. and S.: Cat. Moths of India, ii. 187. 1261 (1887).
———— Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 183.
Problepsis extrusata. Moore: Lep. Ceylon, iii. p. 539, pl. 202, f. 7 (1887).
———— Hampson: Ill. Typ. Lep. Het., B. M., viii. 9. 232 (1891); ix. 39. 1009 (1893).
Somatina extrusata. Hampson: Faun. Brit. Ind. Moths, iii. p. 463 (1895).

Type. Ceylon, in B. M.
a. Nilgiri Hills (4). b. India (6).

2967. Dithalama indicataria.

Argyris indicataria. Walker: xxiii. 809 (1861).
———— Butler: Ill. Typ. Lep. Het., B. M., iii. p. 43, pl. 51, f. 8 (1879).
Dithalama indicataria. Meyrick: Trans. Ent. Soc., Lond., 1892, p. 91.
———— Leech: Ann. Mag. N. H. (6), xx. p. 110 (1897).
Acidalia indicataria. Staud.: Iris, x. p. 21 (1897).

Acidalia indicataria. Pungeler: Iris, x. p. 363.
Type. North China, in B. M.
a. China. b. North China.

GENUS **SOMATINA.** Guen.: Phal., ii. p. 10 (1857).
Lipomelia. Warren: P. Z. S., Lond., 1893, p. 359.
Defoa. Swinhoe: Ann. Mag. N. H. (6), xii. p. 151 (1893).

2968. Somatina anthophilata.

Somatina anthophilata. Guen.: Phal., ii. p. 11, pl. 18, f. 2 (1857).
———— Walker: xxiii. 806 (1861).
———— Swinhoe: P. Z. S., Lond., 1885, p. 859.
———— C. and S.: Cat. Moths of India, iv. 585. 3995 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 191.
———— Hmn.: Ill. Typ. Lep. Het., B. M., viii. 9. 233 (1891).
———— (part) Faun. Brit. Ind. Moths, iii. p. 464 (1895).
Anisodes congruaria. Walker: Char. Undescr. Lep. Het., p. 98 (1869).
———— Cotes and Swinh.: l. c., 531. 3563.

Type (*congruaria*). Benares, in Devon and Exeter Mus.
a. Indore (Hearsay). b. Nilgiri Hills.

2969. Somatina plynusaria.

Anisodes plynusaria. Walker: xxvi. 1581 (1862).
———— Moore: P. Z. S., Lond., 1867, p. 641.
Somatina plynusaria. C. and S.: Cat. Moths of India, iv. 585. 3997 (1888).
———— Hmn.: Ill. Typ. Lep. Het., B. M., viii. 9. 234 (1891).
———— Faun. Brit. Ind. Moths, iii. p. 464 (1895).

Type. Silhet, in B. M.
a. Nilgiri Hills 3).

2970. Somatina rubridisca. nov.

♀ Of a uniform whitish, very slightly tinged with flesh colour; the disc of both wings broadly patched with red, caused by clusters of red irrorations, a small similar coloured patch below apex of fore-wings, a very indistinct sinuous sub-marginal grey line or thin band and another in the disc contiguous; the latter only can be traced on the hind-wings; marginal line on both wings grey: underside white.

Expanse of wings, $1\frac{2}{10}$ inches.

a. Queensland (type).

2971. Somatina subusta.

Lipomelia subusta. Warren: P. Z. S., Lond., 1893, p. 360, pl. 32, f. 24.
Somatina subusta. Hampson: Faun. Brit. Ind. Moths, iii. p. 465 (1895).
Defoa ustata. Swinhoe: Ann. Mag. N. H. (6), xii. p. 151 (1893).
———— Trans. Ent. Soc., Lond., 1894, p. 182.

Type. Sikkim, in coll. Elwes.
Type (*ustata*). Khasia Hills, in B. M.
a. Khasia Hills (2).

GENUS **NOBILIA.** Walker: xxiv. 1098 (1862).

2972. Nobilia turbata.

Nobilia turbata. Walker: xxiv. 1098.
———— Moore: P. Z. S., Lond., 1867, p. 650.
———— C. and S.: Cat. Moths of India, iv. 546. 3685 (1888).
Somatina turbata. Hampson: Faun. Brit. Ind. Moths, iii. p. 465 (1895).

Type. Sarawak, Borneo, in B. M.
a. Sarawak (Wallace). b. Singapore. c. India (3).

FAMILY **GEOMETRIDÆ.**

GENUS **DYSPHANIA.** Hübn.: Verz., p. 175 (1816).
Euschema. Hübn.: l. c.
Hazis. Boisd.: Voy. de l'Astrolabe, ii. Lep., p. 203 (1832).
Heleona. Swainson: Zool. Ill., 2nd ser., pl. 116 (1833).

2973. Dysphania numana.

Phalæna numana. Cram.: Pap. Exot., iii. p. 59, pl. 227, f. A; pl. 228, f. A (1782).
Dysphania numana. Walker: ii. 342 (1854).
Dysphania numenia. Hübn.: l. c.
Hazis numanaria. Guen.: Phal., ii. p. 190 (1857).
Euschema numanaria. Röb.: Tijd. voor Ent., xxxiv. p. 332 (1891).
———— Pag.: Abh. Senck. Ges., 1897, p. 458.
Euschema helenetta. White: MS. Walker, vii. 1667 (1856).

Type (*helenetta*). Ceram, in B. M.
a. Goram, Ceram (Wallace).

2974. Dysphania magnifica. nov.

♂ ♀ Antennæ black, palpi ocreous beneath, above and the whole of the last joint black; head and fore-part of thorax bright ochreous, thorax dark blue with a large ochreous central spot behind, abdomen ochreous with dark blue segmental bands, the first three broad, the remainder narrow; wings dark blue, spots bluish white and semi-hyaline; fore-wings with a streak at the base, and three macular transverse bands, central, discal, and sub-apical; hind-wings with two similar bands, sub-basal and central; also a sub-marginal bright ochreous complete band of connected lunules; underside, wings as above, body ochreous, with basal portions of thorax and abdomen deep black, legs black, streaked with ochreous.

Expanse of wings, 4 inches.
a. Queensland (types ♂ ♀) (Bowen). b. Queensland.

2975. Dysphania chalybeata.

Dysphania chalybeata. Butler: Ann. Mag. N. H. (4), xviii. p. 127 (1876).

Type. Cape York, in B. M.
a. Melville Island. b. Cape York.

2976. Dysphania cyane.

Phalæna Attacus cyane. Cram.: Pap. Exot., iii. p. 137, pl. 267, f. D (1782).
Phalæna Bombyx cyane. Fabr.: Sp. Ins., ii. App. 506 (1786).
———————— Mant. Ins., 116. 82 (1787).
———————— Gmel.: ed. Syst. Nat., i. (5), 2417. 513 (1787).
Dysphania cyane. Hübner: Verz., 175. 1802 (1816).
———————— Walker: ii. 343 (1854).
Euschema cyane. Röb.: Tijd. voor Ent., xxxiv. p. 332 (1891).
———————— Pag.: Abh. Senck. Ges., 1897, p. 458.
Euschema spectabilis. Walker: xxxi. 174 (1864).

a. Amboina (type *spectabilis*) (Wallace).

2977. Dysphania tentans.

Euschema tentans. Walker: xxxi. 175 (1864).

a. Mysol (type) (Wallace). b. Dorey (Wallace).

2978. Dysphania flavata.

Euschema flavata. Walker: xxxi. 172 (1864).

a. Amboina (type ♂) (Wallace). b. Batchian (type ♀) (Wallace).
c. Ceram (Wallace). d. Makian, Celebes (Wallace).

2979. Dysphania contraria.

Euschema contraria. Walker: xxxi. 173 (1864).
Heleona bellicosa. Felder: Reise Nov. Lep., pl. 104, f. 1 (1868).

Type (*bellicosa*). Celebes, in coll. Rothschild.

a. Makian, Celebes (♂ ♀ types) (Wallace). b. Makian, Celebes (Wallace).

2980. Dysphania remota.

Euschema remota. Walker: xxxi. 176 (1864).
Euschema cyanoptera. Pag.: Entom. Nachr., 1896, p. 54.
———————— Abh. Senck. Ges., 1897, p. 458, pl. 20, f. 10.

a. Mysol (type) (Wallace). b. Ins, Obi (Leyden Mus.).

2981. Dysphania fenestrata.

Heleona fenestrata. Swainson: Zool. Ill., 2nd ser., pl. 116 (1833).
———————— Walker: ii. 339 (1854).
Hazis velitaria. Guen.: Phal., ii. p. 191 (1857).

a. Melville Island (2).

2982. Dysphania binotata.

Euschema binptata. Walker: xxxi. 176 (1864).

a. Ceram (type) (Wallace).

2983. Dysphania bernsteinii.

Heleona bernsteinii. Felder: Reise Nov. Lep., pl. 114, f. 2 (1868).
Dysphania bernsteinii. Warren: Nov. Zool., ii. p. 86 (1895).

Type. Waigiu, in coll. Rothschild.

a. Waigiu (2 ♀) (Wallace).

2984. Dysphania luteopicta.

Euschema luteopicta. Walker: xxxi. 177 (1864).

a. Ceram (type) (Wallace).

2985. Dysphania andamana.

Euschema andamana. Moore: P. Z. S., Lond., 1877, p. 599.
——————— Waterhouse: Aid., ii. pl. xi (1881).
——————— C. and S.: Cat. Moths of India, iv. 467. 3074 (1888).
——————— Hmn.: Faun. Brit. Ind. Moths, iii. p. 470 (1895).

Type. S. Andamans, in B. M.

a. Port Blair (♂ ♀) (Wimberley).

2986. Dysphania militaris.

Phalæna militaris. Linn.: Mus. Lud. Ulr., 375 (1764).
——————— Syst. Nat., xii. ii. 811. 12 (1769).
——————— d'Aubent.: Miscell., pl. 67, f. 1 (1771).
——————— Cram.: Pap. Exot., i. pl. 29, f. B (1779).
——————— Roës.: Ins., iv. pl. 6, f. 3 (1781).
——————— Gmel.: ed. Syst. Nat., i. (5), 2407. 12 (1787).
Bombyx militaris. Fabr.: Syst. Ent., 559. 12 (1775).
——————— Sp. Ins., ii. 171. 22 (1781).
——————— Mant. Ins., ii. 110. 25 (1787).
——————— Oliv.: Enc. Meth. Ins., v. 32. 32, pl. 70, f. 5 (1791).
Euschema militaris. Hübn.: Verz., 175. 1803 (1816).
——————— Walker: ii. 405 (1854).
——————— Moore: Cat. Lep. E. I. C., ii. p. 333 (1859).
——————— P. Z. S., Lond., 1878, p. 846.
——————— Butler: Ann. Mag. N. H. (5), xvi. p. 347 (1885).
——————— Moore: Journ. As. Soc., Beng., lv. (2), i. p. 99 (1886).
——————— C. and S.: Cat. Moths of India, iv. 468. 3084 (1888).
——————— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 203; 1894, p. 169.
——————— Hmn.: Faun. Brit. Ind. Moths, iii. p. 468 (1895).
Hazis militaris. Boisd.: Voy. de l'Astrolabe, Lep., 203. 1 (1832).
——————— Feisthamel: Voy. de la Fav., Suppl., p. 20 (1839).
——————— Guen.: Phal., ii. p. 193 (1857).
Euschema abrupta. Walker: Trans. Ent. Soc., Lond. (3), i. p. 70 (1859); xxxi. 172 (1864).
——————— C. and S.: l. c., iv. 467, 3073.

a. Assam (type *abrupta*). b. Assam (3) (Ashmol. Mus.). c. India (2). d. Silhet. e. Sumatra (Wallace).

2987. Dysphania excubitor.

Euschema excubitor. Moore: P. Z. S., Lond., 1878, p. 846.
——————— Butler: Ann. Mag. N. H. (5), xvi. p. 347 (1885).
——————— C. and S.: Cat. Moths of India, iv. 467. 3080 (1888).
——————— Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 169.
Euschema militaris. Hmn.: (part) Faun. Brit. Ind. Moths, iii. p. 468 (1895).

Type. Java, in B. M.

a. Cambodia, Siam (Mouhot). b. India. c. China.

2988. Dysphania scyllea.

Euschema scyllea. Swinhoe: Ann. Mag. N. H. (6), xii. p. 148 (1893).
Euschema militaris. Hmn.: (part) Faun. Brit. Ind. Moths, iii. p. 468 (1895).

a. India (type).

2989. Dysphania sagana.

Euschema sagana. Druce: P. Z. S., Lond., 1882, p. 781, pl. 61, f. 3.

Type. Cochin China, in coll. Druce.

a. Cambodia, Siam (Mouhot). b. Cochin China.

2990. Dysphania bellona.

Euschema bellona. Walker: ii. 405 (1854).
———— Butler: Ill. Typ. Lep. Het., B. M., i. p. 58, pl. 14, f. 5 (1877).
———— C. and S.: Cat. Moths of India, iv. 467. 3078 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 201.
———— Hmn.: (part) Faun. Brit. Ind. Moths, iii. p. 469 (1895).

Type. Moulmein, in B. M.

a. India (2).

2991. Dysphania subrepleta.

Euschema subrepleta. Walker: ii. 406 (1854).
———— Moore: Trans. Linn. Soc., Lond., xxi. p. 56 (1888).
———— C. and S.: Cat. Moths of India, iv. 469. 3090 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 203.
Hazis bellonaria. Guen.: Phal., ii. p. 193, pl. 18, f. 1 (1857).
Euschema bellonaria. Hmn.: Faun. Brit. Ind. Moths, iii. p. 469 (1895).
———— Pag.: Abh. Senck. Ges., 1897, p. 458.
Euschema sodalis. Moore: Journ. As. Soc., Beng., lv. 2, p. 99 (1886).
———— Cotes and Swinh.: l. c., 3089.
———— Swinhoe: l. c.

Type. Borneo, in B. M.

Type (*sodalis*). Tavoy, in Indian Mus., Calcutta.

a. Malacca (2) (Wallace). b. Sumatra (Wallace). c. Sarawak, Borneo (Wallace). d. Borneo. e. Nias.

Hampson (Moths, iii. p. 468) puts *sodalis* as a synonym of *militaris*; but I have in my coll. a co-type of *sodalis* from Tavoy given me by Mr. Moore; it cannot be separated from *bellonaria*, Guen., which Moore in his paper says it resembles. I have it also from Selangore and from Nias.

2992. Dysphania patula.

Euschema patula. Walker: xxxi. 175 (1864).
Euschema minervaria. Hmn.: (part) Faun. Brit. Ind. Moths, iii. p. 470 (1895).

a. Cambodia, Siam (type) (Mouhot).

2993. Dysphania recessa.

Euschema recessa. Walker: Journ. Linn. Soc., Lond., vi. p. 94 (1862).
———— xxxi. 172 (1864).
———— Hampson: Faun. Brit. Ind. Moths, iii. p. 471 (1895).
Euschema proba. Butler: Ann. Mag. N. H. (5), vi. p. 120 (1880).
———— Ill. Typ. Lep. Het., B. M., vi. p. 48, pl. 113, f. 2 (1886).

Euschema proba. C. and S.: Cat. Moths of India, iv. 469. 3087 (1888).

Type (*proba*). Borneo, in B. M.

a. Sarawak, Borneo (type) (Wallace). b. Borneo (2).

2994. Dysphania discalis.

Euschema discalis. Walker: ii. 407 (1854).
———— Moore: Cat. Lep., E. I. C., ii. p. 333 (1859).
———— Butler: Ill. Typ. Lep. Het., B. M., i. p. 57, pl. 14, f. 1 (1877).
———— C. and S.: Cat. Moths of India, iv. 467. 3079 (1888).
———— Hampson: Faun. Brit. Ind. Moths, iii. p. 518 (1895).

Type. Penang, in B. M.

a. Singapore (Wallace). b. Singapore.

Walker says that the type is from the East Indies, but it is not a British Indian insect; the register shows it as from Penang.

2995. Dysphania glaucescens.

Euschema glaucescens. Walker: Journ. Linn. Soc., Lond., vi. p. 93 (1862).
———— xxxi. 172 (1864).
Euschema regalis. Butler: Ann. Mag. N. H. (5), vi. p. 119 (1880).

Type (*regalis*). Malacca, in B. M.

a. Sarawak, Borneo (type) (Wallace). b. Malacca (Wallace).
c. Without locality.

2996. Dysphania malayaria.

Hazis malayaria. Guen.: Uran. et Phal., ii. p. 189 (1857).
Hazis doubledayi. Snellen: Tijd. voor Ent., xxvii. pp. lxxxiii and 96–98 (1884).
———— Warren: Nov. Zool., ii. p. 86 (1895).
Euschema malayanus. Walker (nec Guérin): ii. 407 (1854).

a. Sarawak, Borneo (Wallace).

2997. Dysphania nelera.

Euschema nelera. Swinhoe: Trans. Ent. Soc., Lond., 1891, p. 141.
Euschema palmyra. Hmn.: (part) Faun. Brit. Ind. Moths, iii. p. 470 (1895).

Type. Matheran, Bombay, in B. M.

a. Nilgiri Hills. b. Bombay.

2998. Dysphania percota.

Euschema percota. Swinhoe: Trans. Ent. Soc., Lond., 1891, p. 142.
———— Hampson: Faun. Brit. Ind. Moths, iii. p. 471 (1895).
Euschema palmyra. Swinhoe (nec Stoll): P. Z. S., Lond., 1885, p. 864.
———— C. and S.: (part) Cat. Moths of India, iv. 469. 3086 (1888).

Type. Matheran, Bombay, in B. M.

a. Nilgiri Hills. b. Bombay. c. Malabar. d. Tenasserim.

2999. Dysphania palmyra.

Phalæna Bombyx palmyra. Stoll: Cram. Pap. Exot., v. p. 159, pl. 36, f. 1 (1790).

Euschema palmyra. Hübn.: Verz., p. 175 (1816).
———— C. and S.: Cat. Moths of India, iv. 469. 3086 (1888).
———— Hmn.: (part) Faun. Brit. Ind. Moths, iii. p. 470 (1895).
Cystidia (?) *palmyra.* Walker: ii. 342 (1854).
Euschema transversa. Walker: ii. 407.
———— Moore: Cat. Lep., E. I. C., ii. p. 334 (1859).
———— Lep. Ceylon, iii.p.422, pl.189,f.3,3*a* (1887).
———— Cotes and Swinh.: l. c., 3091.

Type (*transversa*). Ceylon, in B. M.
a. Ceylon (Thwaites). b. Ceylon.

3000. Dysphania transducta.

Euschema transducta. Walker: Journ. Linn. Soc., Lond., vi. p. 94 (1862).
———— xxxi. 172 (1864).

a. Sarawak, Borneo (type) (Wallace). b. Without locality (Hewitson).

GENUS **PSEUDOTERPNA.** Hübn.: Verz., p. 284 (1816).
Hypochroma. Guen.: Phal., i. p. 275 (1857).
Pachyodes. Guen.: l. c., p. 282.
Pingasa. Moore: Lep. Ceylon, iii. p. 419 (1887).

3001. Pseudoterpna ruginaria.

Hypochroma ruginaria. Guen.: l. c., 278. 444.
———— Walker: xxi. 432 (1860).
Pingasa ruginaria. C. and S.: Cat. Moths of India, iv. 507. 3381 (1888).
Pseudoterpna ruginaria. Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 171.
———— Hmn.: Faun. Brit. Ind. Moths, iii. p. 472 (1895).
Hypochroma perfectaria. Walker: xxi. 434.
———— Moore: P. Z. S., Lond., 1877, p. 621.
———— Swinhoe: P. Z. S., Lond., 1885, p. 853.
———— Cotes and Swinh.: l. c., 508. 3388.
Hypochroma nyctemerata. Walker: xxi. 444; xxvi. 1543 (1862).
———— Moore: l. c., p. 632.
———— Cotes and Swinh.: l. c., 3387.

Type (*nyctemerata*). Without locality, in B. M.
a. India (type *perfectaria*). b. Darjiling. c. India. d. Sanga. e. Khasia Hills.

3002. Pseudoterpna rufofasciata.

Pingasa rufofasciata. Moore: Descr. Ind. Lep. Atk., p. 247 (1888).
———— C. and S.: Cat. Moths of India, iv. 507. 3380 (1888).
Pseudoterpna rufofasciata. Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 170.
Pseudoterpna ruginaria. Hmn.: (part) Faun. Brit. Ind. Moths, iii. p. 472 (1895).

Type. Darjiling, in coll. Staudinger.
a. India. b. Ceram (Wallace).

3003. Pseudoterpna rubicunda.

Pingasa rubicunda. Warren: Nov. Zool., i. p. 383 (1894).

Pseudoterpna ruginaria. Hmn.: (part) Faun. Brit. Ind. Moths, iii. p. 472 (1895).

Type. Khasia Hills, in coll. Rothschild.

a. Khasia Hills (4).

3004. Pseudoterpna crenaria.

Hypochroma crenaria. Guen.: Phal., i. 278. 441 (1857).
——— Walker: xxi. 432 (1860).
——— Swinhoe: P. Z. S., Lond., 1885, p. 653.
Pingasa crenaria. Moore: Lep. Ceylon, iii. p. 419, pl. 192, f. 1, *a*, *b* (1887).
——— C. and S.: Cat. Moths of India, iv. 506. 3376 (1888).
——— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 207.
——— Hmn.: Ill. Typ. Lep. Het., B. M., ix. 37. 954 (1893).
Pseudoterpna crenaria. Swinhoe: l. c., 1894, p. 170.
Hypochroma distenta. Walker: xxi. 434.
——— Cotes and Swinh.: l. c., 507. 3385.
Boarmia leucostigmaria. Neitner: Edinb. New Phil. Journ., xv. p. 387 (1862).
Pingasa leucostigmaria. Moore: l. c., p. 420.
——— Cotes and Swinh.: l. c., 506. 3378.
Pseudoterpna chlora. Hmn.: (part) Faun. Brit. Ind. Moths, iii. p. 473 (1895).

Type (*distenta*). N. India, in B. M.

a. Sanga. b. Central India. c. Ceylon (Thwaites). d. Khasia Hills (2).

3005. Pseudoterpna chlora.

Phalæna chlora. Cram.: Pap. Exot., iv. p. 233, pl. 398, f. C (1782).
Hypochroma chlora. Walker: xxi. 437 (1860).
Pseudoterpna chlora. Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 170.
——— Hmn.: (part) Faun. Brit. Ind. Moths, iii. p. 473 (1895).
Hypochrema chloraria. Guen.: Phal., i. 277. 439 (1857).
Pseudoterpna ecchloraria. Hübn.: Verz., p. 285 (1816).
Hypochroma lariaria. Walker: xxi. 433.
Hypochroma irroratoria. Moore: P. Z. S., Lond., 1867, p. 632.
——— C. and S.: Cat. Moths of India, iv. 506. 3377 (1888).
Hypochroma sublimbata. Butler: Ann. Mag. N. H. (5), x. p. 232 (1882).

Type (*irroratoria*). Bengal, in coll. Russell.

Type (*sublimbata*). Duke of York Isl., in B. M.

a. Sarawak, Borneo (type ♀ *lariaria*) (Wallace). b. Ceram (Wallace). c. India (2). d. Khasia Hills (3).

3006. Pseudoterpna dispensata.

Hypochroma dispensata. Walker: xxi. 435 (1860).
——— Moore: P. Z. S., Lond., 1867, p. 632.
——— Forsayeth: Trans. Ent. Soc., Lond., 1884, p. 416.
——— Swinhoe: P. Z. S., Lond., 1884, p. 526; 1885, p. 853; 1886, p. 454.
——— C. and S.: Cat. Moths of India, iv. 507. 3384 (1888).
Pseudoterpna dispensata. Hmn.: Faun. Brit. Ind. Moths, iii. p. 473 (1895).
Hypochroma crenaria, var. A. Guen.: Phal., i. p. 278 (1857).
Hypochroma celata. Walker: xxxv. 1593 (1866).

Type. North India, in B. M.

a. Bombay. b. Indore (7) (Hearsay). c. Tondano (type *celata*) (Wallace).

3007. Pseudoterpna saturataria. Pl. v. f. 6.

Hypochroma saturataria. Walker: xxxv. 1593 (1866).

a. Mysol (type) (Wallace). b. W. Australia.

3008. Pseudoterpna costistrigaria.

Hypochroma costistrigaria. Moore: P. Z. S., Lond., 1867, p. 633.
Pingasa costistrigaria. C. and S.: Cat. Moths of India, iv. 506. 3375 (1888).
Pachyodes costistrigaria. Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 170.
Pseudoterpna costistrigaria. Hmn.: Faun. Brit. Ind. Moths, iii. p. 474 (1895).

Type. Bengal, in B. M.

a. Darjiling. b. India.

3009. Pseudoterpna vigens.

Hypochroma vigens. Butler: Ann. Mag. N. H. (5), vi. p. 127 (1880).
——————— Ill. Typ. Lep. Het., B. M., vi. p. 63, pl. 116, f. 3 (1886).
Pingasa vigens. C. and S.: Cat. Moths of India, iv. 507. 3383 (1888).
Pachyodes vigens. Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 169.
Pseudoterpna vigens. Hmn.: Faun. Brit. Ind. Moths, iii. p. 475 (1895).

Type. Darjiling, in B. M.

a. Khasia Hills.

3010. Pseudoterpna similis.

Pingasa similis. Moore: Descr. Ind. Lep. Atk., p. 248 (1887).
——————— C. and S.: Cat. Moths of India, iv. 507. 3382 (1888).
Pachyodes similis. Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 170.
Pseudoterpna similis. Hmn.: Faun. Brit. Ind. Moths, iii. p. 475 (1895).
Pachyodes ruficosta. Hmn.: Ill. Typ. Lep. Het., B. M., viii. p. 108, pl. 150, f. 16 (1891).

Type. Darjiling, in coll. Staudinger.

Type (*ruficosta*). Nilgiri Hills, in B. M.

a. India (2).

3011. Pseudoterpna hæmataria.

Terpna hæmataria. Herr. Schäff.: Exot. Schm., f. 205. 206 (1850–69).
Pachyodes hæmataria. Walker: xxi. 445 (1860).
——————— C. and S.: Cat. Moths of India, iv. 509. 3395 (1888).
——————— Swinhoe: Trans. Ent. Soc., Lond., 1895, p. 169.
Pseudoterpna hæmataria. Hmn.: Faun. Brit. Ind. Moths, iii. p. 476 (1895).
Pachyodes almaria. Guen.: Phal., i. 282. 452 (1857).

a. India (2).

3012. Pseudoterpna leopardinata.

Hypochroma leopardinata. Moore: P. Z. S., Lond., 1867, p. 634.
Dindica leopardinata. Moore: Descr. Ind. Lep. Atk., p. 248 (1888).
——————— C. and S.: Cat. Moths of India, iv. 506. 3373 (1888).
Pseudoterpna leopardinata. Hmn.: Faun. Brit. Ind. Moths, iii. p. 477 (1895).
Dindica mölleri. Warren: P. Z. S., Lond., 1893, p. 349.

Type. Bengal, in B. M.

Type (*mölleri*). Sikkim, in coll. Elwes.

a. India.

3013. Pseudoterpna albifusaria. Pl. v. f. 7.

Boarmia albifusaria. Walker: xxxv. 1589 (1866).

a. Mysol (type) (Wallace).

3014. Pseudoterpna erebusata.

Hypochroma erebusata. Walker: xxi. 443 (1860).
Hypochroma erebata. Meyrick: Proc. Linn. Soc., N. S. W., 1887, p. 914.

Type. Moreton Bay, in B. M.

a. E. Australia. b. Australia.

3015. Pseudoterpna muscosaria.

Hypochroma muscosaria. Guen.: Phal., i. 281. 450, pl. 6, f. 3 (1857).
———— Walker: xxi. 441 (1860).
———— Meyrick: Proc. Linn. Soc., N.S.W., 1887, p. 912.
Hypochroma cetraria. Felder: Reise Nov. Lep., pl. 125, f. 7 (1874).
Hypochroma squamata. Felder: l. c., pl. 126, f. 14 (1874).
Hypochroma emiliaria. Walker (nec Guen.): xxi. 441.

Types (*cetraria* and *squamata*). Tasmania, in coll. Rothschild.

a. Australia (2).

3016. Pseudoterpna percomptaria.

Hypochroma percomptaria. Guen.: Phal., i. 280. 448, pl. 6, f. 4 (1857).
———— Walker: xxi. 440 (1860).
———— Meyrick: Pr. Linn. Soc., N. S. W., 1887, p. 907.

a. Australia.

3017. Pseudoterpna horridata. Pl. vi. f. 3.

Hypochroma (?) horridata. Walker: xxvi. 1544 (1862).

a. Sydney (type ♀). b. New Holland ♂ (Kirby).

3018. Pseudoterpna deteriorata.

Hypochroma deteriorata. Walker: xxi. 441 (1860).
———— Meyrick: Proc. Linn. Soc., N. S. W., 1887, p. 913.

Type. Australia, in B. M.

a. Australia (2). b. New South Wales. c. Sydney (2).

GENUS **DINDICA.** Moore: Descr. Ind. Lep. Atk., p. 248 (1888).
Perissolophia. Warren: P. Z. S., Lond., 1893, p. 350.

3019. Dindica polyphænaria.

Hypochroma polyphænaria. Guen.: Phal., i. 280. 446 (1857).
———— Walker: xxi. 436 (1860).
———— C. and S.: Cat. Moths of India, iv. 508. 3389 (1888).
Pseudoterpna polyphænaria. Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 170.
———— Hmn.: Faun. Brit. Ind. Moths, iii. p. 477 (1895).
Hypochroma basiflavata. Moore: P. Z. S., Lond., 1867, p. 632.
Dindica basiflavata. Moore: Descr. Ind. Lep. Atk., p. 248.
———— C. and S.: l. c., 506. 3371.

Type (*basiflavata*). Bengal, in B. M.

a. Darjiling. b. Khasia Hills (2). c. Sarawak, Borneo (Wallace). d. India.

3020. Dindica para.

Dindica para. Swinhoe: Trans. Ent. Soc., Lond., 1891, p. 490.
Pseudoterpna para. Swinhoe: l. c., 1894, p. 170.
Pseudoterpna polyphænaria. Hampson: (part) Faun. Brit. Ind. Moths, iii. p. 477 (1895).

Type. Khasia Hills, in B. M.
a. Khasia Hills (3).

GENUS **ABSALA.** Swinhoe: Ann. Mag. N. H. (6), xii. p. 149 (1893).

3021. Absala dorcada.

Absala dorcada. Swinhoe: l. c.
——————— Trans. Ent. Soc., Lond., 1894, p. 170.
Pseudopterpna dorcada. Hmn.: Faun. Brit. Ind. Moths, iii. p. 478 (1895).

Type. Khasia Hills, in B. M.
a. Khasia Hills.

GENUS **ACTENOCHROMA.** Warren: P. Z. S., Lond., 1893, p. 350.
Herochroma. Swinhoe: Ann. Mag. N. H. (6), xii. p. 148 (1893).
Calleremites. Warren: Nov. Zool., i. p. 384 (1894).
Psilotagma. Warren: l. c., p. 678.

3022. Actenochroma baba.

Herochroma baba. Swinhoe: l. c.
——————— Trans. Ent. Soc., Lond., 1894, p. 171.
Pseudoterpna baba. Hmn.: Faun. Brit. Ind. Moths, iii. p. 480 (1895).

Type. Khasia Hills, in B. M.
a. Khasia Hills (2).

3023. Actenochroma muscicoloraria.

Hypochroma muscicoloraria. Walker: xxvi. 1543 (1862).
——————— Moore: P. Z. S., Lond., 1867, p. 632.
——————— Butler: Ill. Typ. Lep. Het., B. M., vi. p. 64, pl. 116, f. 4 (1886).
——————— C. and S.: Cat. Moths of India, iv. 507. 3386 (1888).
Herochroma muscicoloraria. Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 172.
Pseudoterpna muscicoloraria. Hmn.: Faun. Brit. Ind. Moths, iii. p. 479 (1895).
Hypochroma sphagnata. Felder: Reise Nov. Lep., pl. 125, f. 2 (1874).
——————— Cotes and Swinh.: l. c., 508. 3391.

Type. Darjiling, in B. M.
Type (*sphagnata*). Darjiling, in coll. Rothschild.
a. India (2).

3024. Actenochroma subtepens.

Hypochroma subtepens. Walker: xxi. 438 (1860).
Herochroma subtepens. Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 171.
Pseudoterpna subtepens. Hmn.: (part) Faun. Brit. Ind. Moths, iii. p. 479 (1894).
Actenochroma cristata. Warren: Nov. Zool., i. p. 381 (1894).

Type (*cristata*). Bhutan, in coll. Rothschild.
a. Sarawak, Borneo (type) (Wallace).

3025. Actenochroma urapteraria.

Hypochroma urapteraria. Walker: xxi. 438 (1860).

a. Sarawak, Borneo (type) (Wallace).

3026. Actenochroma viridaria.

Hypochroma viridaria. Moore: P. Z. S., Lond., 1867, p. 632.
———— C. and S.: Cat. Moths of India, iv. 509. 3394 (1888).
Herochroma viridaria. Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 172.
Pseudoterpna subtepens. Hampson: (part) Faun. Brit. Ind. Moths, iii. p. 479 (1895).

Type. Bengal, in coll. Russell.

a. Khasia Hills (3).

GENUS **EPIPRISTIS.** Meyrick: Proc. Linn. Soc., N. S. W., 1887, p. 916.

3027. Epipristis minimaria.

Hypochroma minimaria. Guen.: Phal., i. 249. 443 (1857).
———— Walker: xxi. 433 (1860).
Pingasa minimaria. Moore: Lep. Ceylon, iii. p. 420, pl. 192, f. 2 (1887).
———— C. and S.: Cat. Moths of India, iv. 507. 3379 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 207.
———— Hmn.: Ill. Typ. Lep. Het., B. M., ix. 37. 955 (1893).
Epipristis minimaria. Swinhoe: l. c., 1894, p. 171.
Pseudoterpna minimaria. Hmn.: Faun. Brit. Ind. Moths, iii. p. 479 (1895).
Hypochroma parvula. Walker: xxi. 435.
Acidalia truncataria. Walker: xxiii. 774 (1861).

Type (*parvula*). Moulmein, in B. M.

a. Sarawak, Borneo (type *truncataria*) (Wallace). b. Khasia Hills.

The type specimen of *truncataria* is much rubbed, but its identity is unmistakable.

GENUS **METALLOLOPHIA.** Warren: Nov. Zool., ii. p. 88 (1895).

3028. Metallolophia vitticosta.

Hypochroma vitticosta. Walker: xxi. 438 (1860).
———— Butler: P. Z. S., Lond., 1892, p. 131.
Metallolophia vitticosta. Warren: l. c.

a. Sarawak, Borneo (type ♂) (Wallace).

The Genus is characterized by the antennæ of the male being thick and beset with very close, very short pectinations, and by the metallic crests on the first three abdominal segments.

GENUS **RHUMA.** Walker: xxi. 483 (1860).

3029. Rhuma subaurata.

Rhuma subaurata. Walker: xxi. 484 (1860).

Type. Moreton Bay, in B. M.

a. E. Australia.

Genus **CRYPSIPHONA.** Meyrick: Proc. Linn. Soc., N. S. W., 1887, p. 903.

3030. Crypsiphona occultaria.

Phalæna occultaria. Don.: Ills. Ins. N. Holland, pl. 36 (1805).
Boarmia occultaria. Boisd.: Voy. de l'Astrolabe, i. Lep., 257. 1 (1832).
Hypochroma occultaria. Guen.: Phal., i. 281. 449 (1857).
——————— Walker: xxi. 440 (1860).
Crypsiphona occultaria. Meyrick: l. c.

a. Van Diemen's Land (4). b. New South Wales (2). c. Sydney. d. New Holland (2). e. Adelaide.

Genus **CHLORODONTOPERA.** Warren: P. Z. S., Lond., 1893, p. 351.

3031. Chlorodontopera discospilata.

Odontoptera discospilata. Moore: P. Z. S., Lond., 1867, p. 621.
——————— C. and S.: Cat. Moths of India, iv. 480. 3162 (1888).
Chlorodontopera discospilata. Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 171.
Chlorodontopera discopilata (sic). Hampson: Faun. Brit. Ind. Moths, iii. p. 482 (1895).

Type. Bengal, in B. M.
a. India (2).

3032. Chlorodontopera chalybeata.

Odontoptera chalybeata. Moore: P. Z. S., Lond., 1872, p. 580, pl. 34, f. 4.
——————— C. and S.: Cat. Moths of India, iv. 480. 3161 (1888).
Chlorodontopera chalybeata. Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 171.
——————— Hmn.: Faun. Brit. Ind. Moths, iii. p. 482 (1895).

a. India (type ♂).

Genus **DOOABIA.** Warren: Nov. Zool., i. p. 388 (1894).
Cacamoda. Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 172.

3033. Dooabia viridata.

Ennomos viridata. Moore: P. Z. S., Lond., 1867, p. 623.
——————— C. and S.: Cat. Moths of India, iv. 481. 3174 (1888).
——————— Waterhouse: Aid., ii. pl. 184, f. 4 (1889).
Dooabia viridata. Warren: l. c.
Cacamoda viridata. Swinhoe: l. c.
Chlorodontopera viridata. Hmn.: Faun. Brit. Ind. Moths, iii. p. 483 (1895).
Thalassodes lunifera. Moore: Descr. Ind. Lep. Atk., p. 250 (1888).
——————— Cotes and Swinh.: l. c., 517. 3462.
——————— Swinhoe: l. c., p. 174.

Type. Bengal, in coll. Russell.
Type (*lunifera*). Cherra Punji, in coll. Staudinger.
a. Khasia Hills.

Genus **EPISOTHALMA.** Swinhoe: Ann. Mag. N. H. (6), xii. p. 149 (1893).

3034. Episothalma robustaria.

Hemithea robustaria. Guen.: Phal., i. 383. 613 (1857).

Thalera robustaria. Walker: xxii. 595 (1861).
———— C. and S.: Cat. Moths of India, iv. 520. 3485 (1888).
Chlorodontopera robustaria. Hmn.: Faun. Brt. Ind. Moths, iii. p. 484 (1895).
———— Leech: Ann. Mag. N. H. (6), xx. p. 230 (1897).
Thalassodes sisunaga. Walker: xxii. 550 (1861).
———— C. and S.: l. c., 519. 3472.
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 208.
Episothalma sisunaga. Swinhoe: l. c., 1894, p. 172.
Thalassodes macruraria. Walker: xxvi. 1561 (1862).
———— Moore: P. Z. S., Lond., 1867, p. 637.
———— Cotes and Swinh: l. c., 518. 3464.
———— Hmn.: Ill. Typ. Lep. Het., B. M., viii. 28. 773 (1891).
Thalassodes fimbriaria. Walker: Char. Undescr. Lep. Het., p. 97 (1869).
———— Cotes and Swinh.: l. c., 517. 3456.

Type (*sisunaga*). Moulmein, in B. M.
Type (*macruraria*). India, in B. M.
Type (*fimbriaria*). Benares, in Devon and Exeter Mus.
a. Nilgiri Hills.

Genus **RHOMBORISTA.** Warren: Nov. Zool., iv. p. 44 (1897).

3035. Rhomborista devexata.

Comibæna devexata ♀. Walker: xxii. 573 (1861).
———— Moore: Lep. Ceylon, iii. p. 433 (note), pl. 197, f. 5 (1887).
———— C. and S.: Cat. Moths of India, iv. 522. 3501 (1888).
Euchloris devexata. Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 175.
Chlorodontopera devexata. Hmn.: Faun. Brit. Ind. Moths, iii. p. 484 (1895).
Rhomborista devexata. Warren: l. c.
Agathia scutiligera ♂. Butler: Ann. Mag. N. H. (5), vi. p. 216 (1880).
———— Ill. Typ. Lep. Het., B. M., vi. p. 73, pl. 118, f. 1 (1886).
Comibæna scutiligera. Cotes and Swinh.: l. c., 523. 3512.

Type (*scutiligera*). Darjiling, in B. M.
a. India (type). b. Assam (Jenkins). c. India (Hearsay).

3036. Rhomborista undiferata. Pl. VI. f. 1.

Comibæna undiferata. Walker: xxxv. 1612 (1866).
Chlorodontopera devexata. Hampson: (part) Faun. Brit. Ind. Moths, iii. p. 484 (1895).

a. Makessar, Celebes (type) (Wallace).

3037. Rhomborista megaspilaria.

Phorodesma megaspilaria. Guen.: Phal., i. 371. 593 (1857).
Comibæna megaspilaria. Walker: xxii. 577 (1861).
Comibæna uniplaga. Walker: xxii. 578.

a. Sarawak (type *uniplaga* ♀) (Wallace). b. Sarawak 2 ♂ (Wallace).

3038. Rhomborista pannosa.

Comibæna pannosa. Moore: Lep. Ceylon, iii. p. 433, pl. 195, f. 1, 1 *a*, 1 *b* (1887).
———— C. and S.: Cat. Moths of India, iv. 523. 3508 (1888).

Comibæna pannosa. Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 208.
Chlorodontopera pannosa. Hmn.: Faun. Brit. Ind. Moths, iii. p. 484 (1895).
Comibæna devexata (var.). Walker: xxii. 574 (1861).
Œnospila lyra. Swinhoe: l. c., 1892, p. 6; 1894, p. 176.

Type. Ceylon, in B. M.
Type (*devexata, var.*). Moulmein, in B. M.
Type (*lyra*). Khasia Hills, in B. M.
a. India. b. Khasia Hills (2).

Genus AGATHIA. Guen.: Phal., i. p. 380 (1857).

3039. Agathia lycænaria.

Geometra lycænaria. Kollar: Kasch. von Hügl., iv. p. 486 (1844).
Agathia lycænaria. Guen.: l. c.
———— Walker: xxii. 590 (1861); xxvi. 1567 (1862).
———— Moore: P. Z. S., Lond., 1867, p. 639.
———— Snellen: Tijd. voor Ent., xxiv. p. 79 (1881).
———— C. and S.: Cat. Moths of India, iv. 525. 3523 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 209; 1894, p. 173.
———— Hmn.: Ill. Typ. Lep. Het., B. M., viii. 28. 787 (1891).
———— Faun. Brit. Ind. Moths, iii. p. 485 (1895).
———— Leech: Ann. Mag. N. H. (6), xix. p. 231 (1897).
Geometra albiangularia. Herr. Schäff.: Exot. Schm., pl. 61, f. 339 (1853).
Agathia discriminata. Walker: xxii. 591 ♀.

Type (*discriminata*). India, in B. M.
a. India (2). b. Silhet. c. Bombay. d. India (Minchin). e. Hong Kong (Champion).

3040. Agathia lætata.

Phalæna lætata. Fabr.: Ent. Syst., iii. (2), 164 (1794).
Agathia lætata. Moore: Lep. Ceylon, iii. p. 437, pl. 197, f. 1, 1*a*, 1*b* ♂♀ (1887).
———— C. and S.: Cat. Moths of India, iv. 525. 3522 (1888).
———— Hampson: Ill. Typ. Lep. Het., B. M., viii. 28. 786 (1891); ix. 38. 984 (1893).
———— Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 173.
———— Hampson: (part) Faun. Brit. Ind. Moths, iii. p. 487 (1895).
Agathia catenaria. Walker: xxii. 590 (1861).
———— Moore: P. Z. S., Lond., 1867, p. 639.

Type (*catenaria*). Ceylon, in B. M.
a. India (2). b. Nilgiri Hills. c. Ceylon (Moseley). d. Ceylon (Thwaites). e. Singapore (Horsley).

3041. Agathia hilarata.

Agathia hilarata. Guen.: Phal., i. 381. 612 (1857).
———— Walker: xxii. 590 (1861).
———— Moore: P. Z. S., Lond., 1867, p. 639.
———— Swinhoe: P. Z. S., Lond., 1885, p. 854.
———— C. and S.: Cat. Moths of India, iv. 524. 3520 (1888).
Agathia quinaria. Moore: l. c.
———— Cotes and Swinh.: l. c., 525. 3525.

Agathia quinaria. Waterhouse: Aid., ii. pl. 184, f. 2 (1889).
Agathia lætata. Hmn.: (part) Faun. Brit. Ind. Moths, iii. p. 487 (1895).

Type (*quinaria*). Bengal, in coll. Russell.

a. Silhet. b. Sarawak, Borneo (Wallace). c. Bangalore (Minchin). d. Khasia Hills (2).

3042. Agathia carissima.

Agathia carissima. Butler: Ill. Typ. Lep. Het., B. M., ii. p. 50, pl. 36 f. 7 (1878).
———— Meyrick: Trans. Ent. Soc., Lond., 1892, p. 96.
———— Staud.: Iris, x. p. 7 (1897).
———— Pungeler: Iris, x. p. 362.
Agathia lacunaria (*var.*). Von. Hed.: Hor. Ent. Ross., xiv. p. 512, pl. 3, f. 4 (1879).
Agathia lætata. Hmn.: (part) Faun. Brit. Ind. Moths, iii. p. 487 (1895).
———— Leech: Ann. Mag. N. H. (6), xx. p. 231 (1897).

Type. Japan, in B. M.

a. Japan (2).

3043. Agathia gemma.

Agathia gemma. Swinhoe: Trans. Ent. Soc., Lond., 1892, p. 8; 1894, p. 173.
Agathia magnifica. Hmn.: (part) Faun. Brit. Ind. Moths, iii. p. 485 (1895).

Type. Khasia Hills, in B. M.

a. India.

3044. Agathia hemithearia.

Agathia hemithearia. Guen.: Phal., i. 381. 611 (1857).
———— Walker: xxii. 590 (1861).
———— Moore: P. Z. S., Lond., 1867, p. 639.
———— Lep. Ceylon, iii. p. 438, pl. 197, f. 3 ♀ (1887).
———— C. and S.: Cat. Moths of India, iv. 524. 3519 (1888).
———— Hampson: Ill. Typ. Lep. Het., B. M., viii. 28. 785 (1891); ix. 38. 982 (1893).
———— Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 173.
———— Hampson: Faun. Brit. Ind. Moths, iii. p. 486 (1895).

a. Gangam (Minchin). b. India (Ashmol. Mus.).

Genus **ULIOCNEMIS.** Warren: P. Z. S., Lond., 1893, p. 355.

3045. Uliocnemis partita.

Comibæna partita ♂. Walker: xxii. 573 (1861).
———— Butler: Ill. Typ. Lep. Het., B. M., vi. p. 71, pl. 117, f. 11 (1886).
———— C. and S.: Cat. Moths of India, iv. 523. 3509 (1888).
Iodis partita. Meyrick: Proc. Linn. Soc., N. S. W., 1887, p. 892.
Eucrostes partita. Meyrick: Trans. Ent. Soc., Lond., 1889, p. 490.
———— Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 176.
Uliocnemis partita. Hampson: Faun. Brit. Ind. Moths, iii. p. 488 (1895).
Comibæna felicitata ♀. Walker: xxii. 579.
Thalera concisiplaga ♂. Walker: xxii. 598.

Type. India, in B. M.
Type (*felicitata*). Moreton Bay, Australia, in B. M.
a. Sarawak, Borneo (type *concisiplaga*) (Wallace). b. Singapore. c. Makessar, Celebes (Wallace).

Genus **CHLOROSTROTA.** Warren: Nov. Zool., iv. p. 36 (1897).

3046. Chlorostrota a boviridis.

Geometra alboviridis. Moore: P. Z. S., Lond., 1872, p. 581, pl. 34, f. 3.
———— C. and S.: Cat. Moths of India, iv. 514. 3430 (1888).
Uliocnemis alboviridis. Hmn.: Faun. Brit. Ind. Moths, iii. p. 489 (1895).
Chlorostrota alboviridis. Warren: l. c.
a. India (type). b. India (Ashmol. Mus.).

Genus **HEMITHEA.** Dup.: Lep. France, iv. (2), p. 233 (1829).
Mixolophia. Warren: Nov. Zool., i. p. 391 (1894).

3047. Hemithea tritonaria.

Thalassodes tritonaria. Walker: xxvi. 1560 (1862).
Hemithea tritonaria. Hmn.: (part) Faun. Brit. Ind. Moths, iii. p. 491 (1895).
Thalera insularia. Hampson (nec Guen.): Ill. Typ. Lep. Het., B. M., viii. 28. 777 (1891).
Nemoria insularia. Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 176.
Type. Hong Kong, in B. M.
a. N. China.

3048. Hemithea insularia.

Thalera insularia. Guen.: Phal., i. 315. 616 (1857).
———— Walker: xxii. 598 (1861).
a. Sarawak (Wallace). b. Sula (Wallace).

3049. Hemithea alboundulata.

Nemoria alboundulata. Von Hed.: Hor. Ent. Ross., xiv. p. 511, pl. 3, f. 8 (1879).
———— Meyrick: Trans. Ent. Soc., Lond. 1892, p. 94.
———— Staud.: Iris, x. p. 10 (1897).
Hemithea alboundulata. Hmn.: Faun. Brit. Ind. Moths, iv. App. p. 565 (1896).
a. N. India.

3050. Hemithea costipunctata.

Thalera costipunctata. Moore: Lep. Ceylon, iii. p. 428, pl. 195, f. 4 (1887).
———— C. and S.: Cat. Moths of India, iv. 519. 3477 (1888).
———— Hampson: Ill. Typ. Lep. Het., B. M., ix. 37. 961 (1893).
Thalera graminea. Hampson: l. c., viii. p. 109, pl. 151, f. 1 (1891).
———— Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 176.
Hemithea graminea. Hmn.: Faun. Brit. Ind. Moths, iii. p. 491 (1895).
Hemithea aquamarina. Hampson: l. c.
Type. Ceylon, in B. M.
Type (*graminea*). Nilgiri Hills, in B. M.
Type (*aquamarina*). Khasia Hills, in B. M.
a. Nilgiri Hills.

3051. Hemithea subexpressa.

Thalera subexpressa. Walker: xxii. 599 (1861).
Thalera innotata. Walker: xxii. 599.

a. Sarawak, Borneo (type) (Wallace). b. Sarawak (type *innotata*) (Wallace).

GENUS **DIPLODESMA.** Warren: Nov. Zool., iii. p. 289 (1896).

3052. Diplodesma celataria.

Thalera celataria. Walker: xxxv. 1614 (1866).
Diplodesma celataria. Warren: l. c., v. p. 422 (1898).
Idiochlora contracta. Warren: l. c., iii. p. 107.

Type (*contracta*). Khasia Hills, in coll. Rothschild.
a. Sula (type) (Wallace).

GENUS **LOPHOCRITA.** Warren: Nov. Zool., i. p. 389 (1894).

3053. Lophocrita undifera. Pl. VI. f. 10.

Thalera undifera. Walker: xxii. 601 (1861).

a. Sarawak, Borneo (type ♂) (Wallace).
The type is a male, not female as stated by Walker.

GENUS **EULOXIA.** Warren: Nov. Zool., i. p. 390 (1894).

3054. Euloxia fugitivaria.

Iodis fugitivaria. Guen.: Phal., i. 354. 552 (1857).
———— Walker: xxii. 545 (1861).
———— Meyrick: Pr. Linn. Soc., N. S. W., 1887, p. 876.
Euloxia fugitivaria. Warren: l. c.
Iodis intacta. Walker: xxii. 545.
Iodis obliquissima. Walker: xxii. 546.

Types (*intacta* and *obliquissima*). Tasmania, in B. M.
a. Van Diemen's Land.

3055. Euloxia meandraria.

Iodis meandraria. Guen.: Phal., i. 355. 554 (1857).
———— Walker: xxii. 545 (1861).
———— Rosenstk.: Ann. Mag. N. H. (5), xvi. p. 389 (1885).
———— Meyrick: Pr. Linn. Soc., N. S. W., 1887, p. 874.

a. Van Diemen's Land.

GENUS **TANAORHINUS.** Butler: Ill. Typ. Lep. Het., B. M., iii. p. 38 (1879).

3056. Tanaorhinus rafflesii.

Drepana rafflesii. Moore: Lep. E. I. C., ii. p. 369, pl. 11 *a*, f. 1 (1859).
Geometra viridiluteata. Walker: xxii. 515 (1861).

Geometra viridiluteata. Moore: P. Z. S., Lond., 1867, p. 636.
Tanaorhinus viridiluteatus. Butler: l. c., vi. p. 67, pl. 117, f. 2 (1886).
———— C. and S.: Cat. Moths of India, iv. 516. 3449 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 173.
———— Hmn.: Faun. Brit. Ind. Moths, iii. p. 493 (1895).
Geometra luteoviridata. Walker: xxii. 524.
Geometra subignita. Walker: xxii. 525.
Geometra basaliata. Walker: xxxv. 1603 (1866).

Type. Sumatra, in B. M.
Type (*viridiluteata*). Darjiling, in B. M.
Type (*luteoviridata*). Java, in B. M.
a. Sarawak, Borneo (type *subignita*) (Wallace). b. Singapore (type *basaliata*) (Wallace). c. Sumatra (Wallace). d. Assam (Jenkins). e. India.

3057. Tanaorhinus reciprocatus.

Geometra reciprocata. Walker: xxii. 515 (1861).
Tanaorhinus reciprocatus. Butler: Ill. Typ. Lep. Het., B. M., vi. p. 68, pl. 117, f. 4 (1886).
———— C. and S.: Cat. Moths of India, iv. 516. 3448 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 174.
———— Hampson: Faun. Brit. Ind. Moths, iii. p. 493 (1895).
———— Leech: Ann. Mag. N. H. (6), xx. p. 233 (1897).
Geometra dimissa. Walker: xxii. 516.
Tanaorhinus dimissus. Butler: l. c., f. 3.
———— Cotes and Swinh.: l. c., 3447.
Geometra confuciaria. Walker: xxii. 522.
Tanaorhinus confuciaria. Butler: l. c., iii. p. 38, pl. 50, f. 4 (1879).

Type. Himalayas, in B. M.
Type (*dimissus*). N. India, in B. M.
Type (*confuciaria*). N. China, in B. M.
a. India.

3058. Tanaorhinus argentifusa. Pl. VI. f. 4.

Geometra argentifusa. Walker: xxii. 526 (1861).
a. Sarawak, Borneo (type) (Wallace).

3059. Tanaorhinus vittatus.

Geometra vittata. Moore: P. Z. S., Lond., 1867, p. 636.
———— Waterhouse: Aid., ii. pl. 151, f. 5 (1884).
———— C. and S.: Cat. Moths of India, iv. 515. 3446 (1888).
Megalochlora vittata. Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 174.
Tanaorhinus vittatus. Hmn.: Faun. Brit. Ind. Moths, iii. p. 494 (1895).
———— Leech: Ann. Mag. N. H. (6), xx. p. 234 (1897).
Tanaorhinus prasinus. Butler: Ann. Mag. N. H. (5), iv. p. 438 (1879).

Type. Bengal, in B. M.
Type (*prasinus*). Japan, in B. M.
a. India (2).

Genus **APORANDRIA.** Warren: Nov. Zool., i. p. 385 (1894).

3060. Aporandria specularia.

Geometra specularia. Guen.: Phal., i. 342. 525 (1857).
———— Walker: xxii. 514 (1861); xxvi. 1515 (1862).
———— Moore: Lep. Ceylon, iii. p. 425, pl. 194, f. 1, 1 *a*, ♀ (1887).
———— C. and S.: Cat. Moths of India, iv. 515. 3444 (1888).
———— Hampson: Ill. Typ. Lep. Het., B. M., viii. 28. 770 (1891); ix. 37. 957 (1893).
Aporandria specularia. Warren: l. c.
———— Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 174.
———— Hmn.: Faun. Brit. Ind. Moths, iii. p. 495 (1895).

a. India. **b.** Nilgiri Hills. **c.** Siam (Mouhot). **d.** Sumatra (Wallace). **e.** Singapore (2) (Horsley).

Genus **EUCHLORIS.** Hübn.: Verz., p. 283 (1816).

3061. Euchloris uvidula.

Stegania uvidula. Swinhoe: P. Z. S., Lond., 1885, p. 860; 1886, p. 455.
———— C. and S.: Cat. Moths of India, iv. 535. 3598 (1888).
Euchloris uvidula. Hampson: Faun. Brit. Ind. Moths, iii. p. 498 (1895).

Type. Poona, in B. M.
a. Bombay.

3062. Euchloris quantula.

Iodis quantula. Swinhoe: P. Z. S., Lond., 1885, p. 855, pl. 56, f. 6.
———— C. and S.: Cat. Moths of India, iv. 526. 3531 (1888).
Euchloris quantula. Hmn.: Faun. Brit. Ind. Moths, iii. p. 499 (1895).
Comibæna glareosa. Swinhoe: l. c., f. 8.
———— Cotes and Swinh.: l. c., 522. 3505.

Type. Bombay, in B. M.
Type (*glareosa*). Bombay, in B. M.
a. Bombay.

3063. Euchloris albocostaria.

Euchloris albocostaria. Brem.: Lep. Ost. Sib., p. 76, pl. 6, f. 22 (1864).
———— Meyrick: Trans. Ent. Soc., Lond., 1892, p. 95.
———— Leech: Ann. Mag. N. H. (6), xx. p. 236 (1897).
Phorodesma albicostaria. Staud. and W.: Cat., No. 2064 (1871).
———— Græs.: Berl. Ent. Zeit., 1888, p. 387.
Phorodesma albocostaria. Staud.: Iris, x. p. 8 (1897).

a. N. China (2).

3064. Euchloris dispartita.

Geometra dispartita. Walker: xxii. 520 (1861).
———— Moore: 2d Yarkand Miss., Calcutta, p. 15 (1879).
———— C. and S.: Cat. Moths of India, iv. 514. 3438 (1888).
Nemoria dispartita. Hmn.: Faun. Brit. Ind. Moths, iii. p. 502 (1895).
Microloxia efformata. Warren: P. Z. S., Lond., 1893, p. 354, pl. 31, f. 2.

Euchloris efformata. Hampson: l. c., p. 501.
Type (*efformata*). Sikkim, in Coll. Elwes.
a. India (type).

GENUS **LEUCODESMIA.** Warren: Nov. Zool., vi. p. 25 (1899).

3065. Leucodesmia dispansa.

Comibæna dispansa. Walker: xxii. 574 (1861).
———— Moore: Lep. Ceylon, iii. p. 433 (1887).
———— C. and S.: Cat. Moths of India, iv. 522. 3502 (1888).
Racheospila dispansa. Hampson: Ill. Typ. Lep. Het., B. M., ix. p. 146, pl. 170, f. 5, 12 (1893).
Euchloris dispansa. Hmn.: Faun. Brit. Ind. Moths, iii. p. 499 (1895).
Leucodesmia dispansa. Warren: l. c.
Comibæna chlorargyra. Walker: xxii. 577.
Type. Ceylon, in B. M.
a. Sarawak, Borneo (type *chlorargyra*) (Wallace). b. Singapore (Horsley).

GENUS **COMOSTOLA.** Meyrick: Proc. Linn. Soc., N. S. W., 1888, p. 869.

3066. Comostola dyakaria. Pl. VI. f. 9.

Eucrostis dyakaria. Walker: xxii. 567 (1861).
a. Sarawak, Borneo (type) (Wallace).

GENUS **ANISOGAMIA.** Warren: Nov. Zool., iii. p. 286 (1896).

3067. Anisogamia pieroides.

Comibæna pieroides. Walker: xxii. 580 (1861).
Iodis pieroides. Meyrick: Pr. Linn. Soc., N. S. W., 1887, p. 897.
———— Trans. Ent. Soc., Lond., 1889, p. 493.
Thalassodes scitissimaria. Walker: xxvi. 1564 (1862).
Comibæna calcinata. Felder: Reise Nov. Lep., pl. 127, f. 23 (1874).
Comibæna pacifica. Felder: l. c., f. 24.
Type. Moreton Bay, in B. M.
Type (*scitissimaria*). Moreton Bay, in B. M.
Type (*calcinata*). Australia, in coll. Rothschild.
Type (*pacifica*). Fiji, in coll. Rothschild.
a. Australia (3). b. Queensland.

GENUS **CHLOROCHROMA.** Guen.: Phal., i. p. 365 (1857).

3068. Chlorochroma dichloraria.

Chlorochroma dichloraria. Guen.: l. c., pl. 6, f. 8.
———— Walker: xxii. 561 (1861).
Iodis dichloraria. Meyrick: Pr. Linn. Soc., N. S. W., 1887, p. 884.
Chlorochroma citrolimbaria. Guen.: l. c., 366. 581.
———— Walker: xxii. 562.
Geometra submissaria. Walker: xxii. 562.

Type (*submissaria*). Tasmania, in B. M.
a. Van Diemen's Land (3). b. New Holland.

3069. Chlorochroma carenaria.

Chlorochroma carenaria. Guen.: Phal., i. 366. 580 (1857).
———— Butler: Ann. Mag. N. H. (5), ix. p. 92 (1882).
———— Walker: xxii. 562 (1861).
Chlorochroma vertumnaria (*var.*). Walker: xxii. 562.
Chlorochroma congenita. Walker: xxii. 564.

Type (*congenita*). Tasmania, in B. M.
a. Van Diemen's Land (3). b. New Holland.

GENUS **CHLORODES.** Guen.: Phal., i. p. 378 (1857).

3070. Chlorodes boisduvalaria.

Geometra boisduvalaria. Le Guillon: Rev. Zool., 1841, p. 257.
Iodis boisduvalaria. Meyrick: Pr. Linn. Soc., N. S. W., 1887, p. 892.
Chlorodes mirandaria. Guen.: l. c., 379. 608, pl. 5, f. 7.
———— Walker: xxii. 588 (1861).

a. New Holland (2).

GENUS **NEMORIA.** Hübn.: Verz., p. 285 (1816).

3071. Nemoria directa.

Nemoria directa. Walker: xxii. 535 (1861).
———— C. and S.: Cat. Moths of India, iv. 521. 3489 (1888).
———— Hampson: Faun. Brit. Ind. Moths, iii. p. 503 (1895).
Nemoria pruinosa. Butler: Ann. Mag. N. H. (5), v. p. 224 (1880).
———— P. Z. S., Lond., 1881, p. 616.
———— Swinhoe: P. Z. S., Lond., 1884, p. 526.
———— C. and S.: l. c., 3493.
Geometra aperta. Swinhoe: l. c., 1885, p. 855, pl. 56, f. 7.
———— Cotes and Swinh.: l. c., 514. 3431.
Nemoria aperta. Hmn.: Ill. Typ. Lep. Het., B. M., viii. 28. 782 (1891).

Type (*pruinosa*). Karachi, in B. M.
Type (*aperta*). Bombay, in B. M.
a. India (type). b. Bombay.

3072. Nemoria solidaria.

Nemoria solidaria ♀. Guen.: Phal., i. 348. 538 (1857).
———— Walker: xxii. 535 (1861).
———— Moore: Lep. Ceylon, iii. p. 431 (1887).
———— C. and S.: Cat. Moths of India, iv. 521. 3494 (1888).
———— Hmn.: Faun. Brit. Ind. Moths, iii. p. 502 (1895).
Iodis discessa ♀. Walker: xxii. 544.
Nemoria lataria ♀. Walker: xxvi. 1558 (1862).
Nemoria parvulata. Walker: xxvi. 1559.
———— Swinhoe: P. Z. S., Lond., 1885, p. 854.
———— Cotes and Swinh.: l. c., 3492.
Nemoria frequens ♀. Butler: P. Z. S., Lond., 1881, p. 616.
———— Swinhoe: l. c., 1884, p. 526; 1885, p. 854; 1886, p. 454.
———— Cotes and Swinh.: l. c., 3491.

Types (*discessa* and *parvulata*). India, in B. M.
Type (*frequens*). Karachi, in B. M.
a. India (type *lataria*).

In my own collection there are both sexes from Karachi, Mhow and Poona, but all the types are females, and I can find no point of difference between them.

3073. Nemoria albicinctaria. Pl. VI. f. 7.

Geometra albicinctaria. Walker: xxxv. 1604 (1866).

a. Flores (type) (Wallace).

GENUS **PROBOLOSCELES.** Warren: Nov. Zool., iii. p. 368 (1896).
Probolosceles. Meyrick: Trans. Ent. Soc., Lond., 1897, p. 73.

3074. Probolosceles biplaga.

Comibæna biplaga. Walker: xxii. 577 (1861).
Probolosceles biplaga. Warren: l. c.

a. Sarawak, Borneo (type) (Wallace).

3075. Probolosceles integranota.

Comibæna integranota. Hampson: Ill. Typ. Lep. Het., B. M., ix. p. 146, pl. 17, f. 13 (1893).
Eucrostes integranota. Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 177.
Nemoria integranota. Hmn.: Faun. Brit. Ind. Moths, iii. p. 504 (1895).
Probolosceles integranota. Warren: Nov. Zool., iii. p. 368 (1896).

Type. Ceylon, in B. M.
a. India.

GENUS **EUCROSTES.** Hübn.: Verz., p. 283 (1816).

3076. Eucrostes disparata.

Eucrostes disparata. Walker: xxii. 567 (1861).
———— Moore: Lep. Ceylon, iii. p. 432, pl. 196, f. 3 (1887).
———— C. and S.: Cat. Moths of India, iv. 527. 3537 (1888).
———— Hmn.: Faun. Brit. Ind. Moths, iii. p. 504 (1895).
Geometra parvulata. Walker: xxvi. 1555 (1862).
———— Swinhoe: P. Z. S., Lond., 1885, p. 855.

Type. Ceylon, in B. M.
Type (*parvulata*). India, in B. M.
a. Bombay.

GENUS **MAXATES.** Moore: Lep. Ceylon, iii. p. 436 (1887).

3077. Maxates cœlataria.

Thalassodes cœlataria. Walker: xxii. 552 (1861).
———— Moore: P. Z. S., Lond., 1867, p. 637; 1877, p. 621.
Maxates cœlataria. Moore: l. c., pl. 196, f. 2, 2 *a*.
———— C. and S.: Cat. Moths of India, iv. 516. 3450 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 208; 1894, p. 172.

Maxates cœlataria. Hmn.: Ill. Typ. Lep. Het., B. M., ix. 37. 958 (1893).
———— Faun. Brit. Ind. Moths, iii. p. 505 (1895).

Type. Ceylon, in B. M.
a. India. b. Singapore (Wallace).

3078. Maxates macariata.

Thalassodes macariata. Walker: xxvi. 1562 (1862).
———— Moore: P. Z. S., Lond., 1867, p. 637.
———— C. and S.: Cat. Moths of India, iv. 518. 3463 (1888).
Maxates macariata. Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 172.
———— Hmn.: Faun. Brit. Ind. Moths, iii. p. 505 (1895).

Type. Silhet, in B. M.
a. India (2).

GENUS **PARAMAXATES.** Warren: Nov. Zool., i. p. 387 (1894).
Lissolica. Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 172.

3079. Paramaxates polygrapharia.

Hypochroma polygrapharia. Walker: xxi. 435 (1860).
Lissolica polygrapharia. Swinhoe: l. c.
Paramaxates polygrapharia. Hampson: Faun. Brit. Ind. Moths, iii. p. 506 (1895).
Macaria vagata. Walker: xxiii. 927 (1861).
Trygodes vagata. Moore: P. Z. S., Lond., 1867, p. 642.
———— C. and S.: Cat. Moths of India, iv. 586. 4003 (1888).
Paramaxates vagata. Warren: l. c.
Paramaxates vagata celebensis. Warren: l. c.
Paramaxates vagata khasiana. Warren: l. c.

Type (*vagata*). India, in B. M.
Type (*celebensis*). South Celebes, in coll. Rothschild.
Type (*khasiana*). Khasia Hills, in coll. Rothschild.
a. Sarawak, Borneo (type) (Wallace). b. Singapore (Horsley).
c. India (3).

GENUS **THALASSODES.** Guen.: Phal., i. p. 359 (1857).

3080. Thalassodes quadraria.

Thalassodes quadraria. Guen.: l. c., 360. 564.
———— Walker: xxii. 549 (1861).
———— Snellen: Tijd. voor Ent., xxiv. p. 77 (1881).
———— C. and S.: Cat. Moths of India, iv. 518. 3469 (1888).
———— Hmn.: Ill. Typ. Lep. Het., B. M., ix. 37. 966 (1893).
———— (part) Faun. Brit. Ind. Moths, iii. p. 507 (1895).
Euchloris quadraria. Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 174.
Thalassodes pilaria. Guen.: l. c., p. 361, pl. 15, f. 2.
Geometra digressa. Walker: xxii. 513.
Thalassodes inconclusaria. Walker: xxii. 556.

Type (*digressa*). Port Natal, in B. M.
Type (*inconclusaria*). Without locality, in B. M.
a. Bombay. b. Indore (4) (Hearsay).

3081. Thalassodes dissita.

Geometra dissita. Walker: xxii. 519 (1861).
———— Swinhoe: P. Z. S., Lond., 1885, p. 854.
Thalassodes dissita. Moore: P. Z. S., Lond., 1867, p. 637.
———— Lep. Ceylon, iii. p. 426, pl. 194, f. 2, 2 *a* ♀ (1887).
Geometra semihyalina. Walker: xxii. 528.
Thalassodes dissepta. Walker: xxii. 550.
———— C. and S.: Cat. Moths of India, iv. 516. 3453 (1888).
Thalassodes quadraria. Hampson: (part) Faun. Brit. Ind. Moths, iii. p. 507 (1895).

Type. Kanara, in B. M.
Type (*semihyalina*). Sarawak, Borneo, in B. M.
Type (*dissepta*). India, in B. M.
a. Sarawak (2) (Wallace).

3082. Thalassodes opalina.

Thalassodes opalina. Butler: Ann. Mag. N. H. (5), vi. p. 214 (1880).
———— Ill. Typ. Lep. Het., B. M., vi. p. 70, pl. 117, f. 9 (1886).
———— P. Z. S., Lond., 1886, p. 390.
———— C. and S.: Cat. Moths of India, iv. 518. 3466 (1888).
Euchloris opalina. Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 175.
Thalassodes veraria. Hmn.: (part) Faun. Brit. Ind. Moths, iii. p. 508 (1895).

Type. Darjiling, in B. M.
a. India.

3083. Thalassodes albicosta.

Geometra albicosta. Walker: xxii. 529 (1861).
Iodis albicosta. Meyrick: Pr. Linn. Soc., N. S. W., 1887, p. 888.
———— Trans. Ent. Soc., Lond., 1889, p. 492.

Type. Moreton Bay, in B. M.
a. New South Wales.

3084. Thalassodes marinaria.

Thalassodes marinaria. Guen.: Phal., i. 361. 568 (1857).
———— Hmn.: Faun. Brit. Ind. Moths, iii. p. 508 (1895).
Thalera marinaria. Walker: xxii. 554 (1861).
Geometra discissa. Walker: xxii. 517.
———— C. and S.: Cat. Moths of India, iv. 514. 3437 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 208.
Geometra penicillata. Walker: xxii. 525.
Thalassodes depulsata. Walker: xxii. 555 (♀ only).

Type (*discissa*). Moulmein, in B. M.
a. Sarawak, Borneo (type *penicillata*) (Wallace). b. Celebes (2) (Sydney Hickson).

Genus ŒNOSPILA. Swinhoe: Trans. Ent. Soc., Lond., 1892, p. 5.

3085. Œnospila flavifusata.

Thalera flavifusata. Walker: xxii. 596 (1861).

Thalera flavifusata. Moore: Lep. Ceylon, iii. p. 428, pl. 194, f. 3, 3 *a* ♂ (1887).
———— C. and S.: Cat. Moths of India, iv. 520. 3481 (1888).
———— Hmn.: Ill. Typ. Lep. Het., B. M., ix. 37. 963 (1893).
Œnospila flavifusata. Swinhoe: l. c.
Thalassodes flavifusata. Hmn.: Faun. Brit. Ind. Moths, iii. p. 508 (1895).
Thalassodes sinuata. Moore: P. Z. S., Lond., 1867, p. 637.
———— Cotes and Swinh.: l. c., 519. 3471.

Type. Ceylon, in B. M.
Type (*sinuata*). Bengal, in coll. Grote.
a. India (2). b. Ceylon (Thwaites).

3086. Œnospila floresaria.

Geometra floresaria. Walker: xxxv. 1604 (1866).
Œnospila floresaria. Warren: Nov. Zool., iii. p. 292 (1896).
a. Flores (type) (Wallace).

Genus **GELASMA.** Warren: P. Z. S., Lond., 1893, p. 352.

3087. Gelasma thetydaria.

Iodis thetydaria. Guen.: Phal., i. 358. 559 (1857).
———— Walker: xxii. 543 (1861).
———— C. and S.: Cat. Moths of India, iv. 514. 3533 (1888).
Gelasma thetydaria. Warren: l. c.
———— Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 175.
Thalassodes thetydaria. Hmn.: Faun. Brit. Ind. Moths, iii. p. 509 (1895).
———— Leech: Ann. Mag. N. H. (6), xx. p. 242 (1897).
Thalassodes bifasciata. Walker: xxvi. 1562 (1862).
———— Cotes and Swinh.: l. c., 515. 3541.
———— Hmn.: Ill. Typ. Lep. Het., B.M., viii. 28. 771 (1891).
Thalera bifasciata. Moore: P. Z. S., Lond., 1867, p. 637.

Type (*bifasciata*). Silhet, in B. M.
a. India (3).

3088. Gelasma gavissima.

Comibæna gavissima. Walker: xxii. 575 (1861).
Berta gavissima. Moore: Lep. Ceylon, iii. p. 435, pl. 196, f. 6 ♂ (1887).
———— C. and S.: Cat. Moths of India, iv. 522. 3497 (1888).
———— Hmn.: Ill. Typ. Lep. Het., B. M., ix. 37. 974 (1893).
Thalassodes gavissima. Hmn.: Faun. Brit. Ind. Moths, iii. p. 510 (1895).
———— Leech: Ann. Mag. N. H. (6), xx. p. 241 (1897).
a. Sarawak, Borneo (type ♀) (Wallace). b. India.

3089. Gelasma divapala.

Comibæna divapala (♀). Walker: xxii. 575 (1861).
———— Moore: P. Z. S., Lond., 1867, p. 638.
———— Lep. Ceylon, iii. p. 434, pl. 195, f. 2, 2 *a* (1887).
———— C. and S.: Cat. Moths of India, iv. 522. 3503 (1888).
Thalassodes divapala. Hmn.: Faun. Brit. Ind. Moths, iii. p. 510 (1895).
Thalera albisparsa (♂). Walker: xxii. 600.
Comibæna albiceps. Felder: Reise Nov. Lep., pl. 127, f. 13 (1874).

Type. Ceylon, in B. M.
Type (*albiceps*). Amboina, in coll. Rothschild.
a. Sarawak, Borneo (type ♂ *albisparsa*) (Wallace). b. N. China ♀.
c. Nilgiri Hills.
The type of *albisparsa* is a male, and not a female as stated by Walker.

3090. Gelasma semialba.

Thalera semialba. Walker: xxii. 601 (1861).
Comibæna semialba. Moore: Lep. Ceylon, iii. p. 434, pl. 196, f. 1, 1 *a* (1887).
———— C. and S.: Cat. Moths of India, iv. 523. 3513 (1888).
Thalassodes semialba. Hmn.: Faun. Brit. Ind. Moths, iii. p. 511 (1895).
a. Sarawak, Borneo (type) (Wallace).

3091. Gelasma discipennata. Pl. VI. f. 6.

Thalera discipennata. Walker: xxii. 600 (1861).
a. Sarawak, Borneo (type) (Wallace).

GENUS **LOPHOCHLORA.** Warren: Nov. Zool., i. p. 389 (1894).

3092. Lophochlora cristifera. Pl. VI. f. 5.

Thalera cristifera. Walker: xxii. 602 (1861).
Lophochlora cristifera. Warren: l. c.
a. Sarawak, Borneo (type) Wallace).

GENUS **OSTEOSEMA.** Warren: Nov. Zool., i. p. 392 (1894).

3093. Osteosema sanguilineata.

Comibæna sanguilineata. Moore: P. Z. S., Lond., 1867, p. 638.
———— C. and S.: Cat. Moths of India, iv. 523. 3511 (1888).
Eucrostes sanguilineata. Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 176.
Osteosema sanguilineata. Warren: l. c.
Thalassodes sanguilineata. Hmn.: Faun. Brit. Ind. Moths, iii. p. 512 (1895).
Type. Bengal, in coll. Russell.
a. India.

GENUS **THALERURA.** Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 175.

3094. Thalerura goniaria.

Timandra goniaria. Felder: Reise Nov. Lep., pl. 128, f. 3 (1874).
Geometra goniaria. C. and S.: Cat. Moths of India, iv. 515. 3440 (1888).
Thalerura goniaria. Swinhoe: l. c.
Thalera aculeata. Hampson: Ill. Typ. Lep. Het., B. M., viii. p. 109, pl. 150, f. 5 (1891).
Thalerura veninotata. Warren: Nov. Zool., i. p. 678 (1894).
Thalassodes acutissima. Hmn.: (part) Faun. Brit. Ind. Moths, iii. p. 512 (1895).

Type. Bengal, in coll. Rothschild.
Type (*aculeata*). Nilgiri Hills, in B. M.
Type (*veninotata*). Khasia Hills, in coll. Rothschild.
a. Nilgiri Hills.

3095. Thalerura inaptaria.

Thalassodes inaptaria. Walker: xxvi. 1560 (1862).
———— Moore: Lep. Ceylon, iii. p. 426 (1887).
———— C. and S.: Cat. Moths of India, iv. 517. 3459 (1888).
———— Hmn.: Faun. Brit. Ind. Moths, iii. p. 513 (1895).
Thalassodes urapteraria. Walker: xxxv. 1608 (1866).
———— Moore: P. Z. S., Lond., 1867, p. 637.
———— Cotes and Swinh.: l. c., 519. 3473.
Thalerura urapteraria. Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 175.

Types of both from Silhet, in B. M.
a. India.

GENUS **ORNITHOSPILA.** Warren: Nov. Zool., i. p. 386 (1894).
Urospila. Warren: l. c., p. 387.
Chrysochloroma. Warren: l. c., iii. p. 288 (1896).

3096. Ornithospila avicularia.

Geometra avicularia. Guen.: Phal., i. 342. 526 (1857).
———— Walker: xxii. 514 (1861).
———— Moore: P. Z. S., Lond., 1867, p. 636.
———— C. and S.: Cat. Moths of India, iv. 514. 3432 (1888).
Megalochlora avicularia. Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 174.
Ornithospila avicularia. Warren: l. c., i. p. 386.
Thalassodes avicularia. Hmn.: (part) Faun. Brit. Ind. Moths, iii. p. 513 (1895).
Geometra pennisignata. Walker: xxii. 516.

Type (*pennisignata*). Nepal, in B. M.
a. India (2). b. Bombay.
Cilia entirely chestnut brown.

3097. Ornithospila submonstrans.

Geometra submonstrans. Walker: xxii. 526 (1861).
Thalassodes avicularia. Hampson: (part) Faun. Brit. Ind. Moths, iii. p. 513 (1895).
Chrysochloroma subalbida. Warren: Nov. Zool., iii. p. 364 (1896).
Chrysochloroma rubritincta (*ab.*). Warren: l. c.

Type. Sarawak, Borneo, in B. M.
Type (*subalbida*). Cedar Bay, in coll. Rothschild.
Type (*rubritincta*). Humboldt Bay, in coll. Rothschild.
a. Singapore (3) (Horsley). b. Borneo. c. Sula (Wallace).
d. Sarawak (Wallace). e. Waigiu (Wallace).
Cilia white with red dots.

3098. Ornithospila lineata.

Geometra lineata. Moore: P. Z. S., Lond., 1872, p. 580, pl. 34, f. 2.
———— C. and S.: Cat. Moths of India, iv. 515. 3443 (1888).

Urospila lineata. Warren: Nov. Zool., i. p. 387 (1894).
Thalassodes lineata. Hmn.: Faun. Brit. Ind. Moths, iii. p. 514 (1895).

a. India (type). b. India.

3099. Ornithospila cincta. Pl. VI. f. 2.

Geometra cincta. Walker: xxii. 527 (1861).

a. Sarawak, Borneo (type) (Wallace).

GENUS **JODIS.** Hübn.: Verz., p. 285 (1816).
Leucoglyphica. Warren: Nov. Zool., i. p. 391 (1894).

3100. Jodis caudularia.

Nemoria caudularia. Guen.: Phal., i. 349. 541 (1857).
——————— Walker: xxii. 535 (1861).
——————— C. and S.: Cat. Moths of India, iv. 520. 3488 (1888).
Thalera caudularia. Hmn.: Faun. Brit. Ind. Moths, iii. p. 515 (1895).
Thalassodes nanda. Walker: xxii. 552.
——————— Moore: Lep. Ceylon, iii. p. 427 (1887).
——————— Cotes and Swinh.: l. c., 518. 3465.
Thalera undularia. Hampson: Ill. Typ. Lep. Het., B. M., viii. p. 109, pl. 151, f. 2 (1891).

Type (*nanda*). Ceylon, in B. M.
Type (*undularia*). Nilgiri Hills, in B. M.
a. Ceylon.

GENUS **THALERA.** Hübn.: Verz., p. 285 (1816).

3101. Thalera diffusa.

Thalera diffusa. Walker: xxii. 597 (1861).
Thalera rufolimbaria. Von Hed.: Hor. Ross., xiv. p. 512, pl. 3, f. 5 (1878).
——————— Leech: Ann. Mag. N. H. (6), xx. p. 243 (1897).
Thalera crenulata. Butler: Ill. Typ. Lep. Het., B. M., iii. p. 37, pl. 1, f. 2 (1879).

Type. China, in B. M.
Type (*crenulata*). Yokohama, in B. M.
a. Yokohama.

GENUS **BERTA.** Walker: xxvi. 1621 (1862).

3102. Berta chrysolineata.

Berta chrysolineata. Walker: xxvi. 1621.
——————— Moore: P. Z. S., Lond., 1867, p. 638.
——————— Lep. Ceylon, iii. p. 435, pl. 196, f. 4 (1887).
——————— C. and S.: Cat. Moths of India, iv. 521. 3496 (1888).
——————— Swinhoe: Trans. Ent. Soc., Lond., 1894, p. 177.
Thalera chrysolineata. Hmn.: Faun. Brit. Ind. Moths, iii. p. 516 (1895).

Type. Kanara, in B. M.
a. Khasia Hills.

3103. Berta vaga. Pl. VI. f. 8.

Thalera vaga. Walker: xxii. 598 (1861).

a. Sarawak, Borneo (type) (Wallace).

FAMILY **THYRIDIDÆ.**

GENUS **GLANYCUS.** Walker: iii. 634 (1855).

3104. Glanycus insolitus.

Glanycus insolitus. Walker: iii. 635.
——— Moore: P. Z. S., Lond., 1867, p. 681.
——— Butler: Journ. Linn. Soc., Lond., Zool., 1876, p. 431.
——— Ill. Typ. Lep. Het., B. M., v. p. 28, pl. 84, f. 12 (1881).
——— C. and S.: Cat. Moths of India, ii. 123. 784 (1887).
——— Hmn.: Faun. Brit. Ind. Moths, i. p. 369 (1892).
——— P. Z. S., Lond., 1897, p. 608.

Type. Silhet, in B. M.

a. India. b. Singapore (2).

3105. Glanycus tricolor.

Glanycus tricolor. Moore: Descr. Ind. Lep. Atk., p. 38 (1879).
——— Waterhouse: Aid., ii. pl. 131, f. 1 (1883).
——— C. and S.: Cat. Moths of India, ii. 123. 785 (1887).
——— Hampson: Faun. Brit. Ind. Moths, i. p. 370 (1892).
——— P. Z. S., Lond., 1897, p. 608.

Type. Darjiling, in coll. Staudinger.

a. Khasia Hills.

GENUS **DYSODIA.** Clemens: Pr. Ac. N. Sc. Phil., 1860, p. 349.
Varnia. Walker: Journ. Linn. Soc., Lond., vii. p. 69 (1864).
Platythyris. Gr. and R.: Ann. N. Y. Lyc., viii. p. 361 (1867).
Pachythyris. Felder: Reise Nov. Lep., pl. 75, f. 1 (1867).

3106. Dysodia miniata.

Varnia miniata. Walker: l. c.
——— xxxiii. 825 (1865).
——— Pag.: Iris, v. p. 29 (1892).
——— Hampson: P. Z. S., Lond., 1897, p. 609.
Varnia fenestrata. Moore: P. Z. S., Lond., 1881, p. 376.
——— Descr. Ind. Lep. Atk., p. 148 (1882).
——— C. and S.: Cat. Moths of India, iii. 339. 2210 (1888).
——— Pag.: l. c.
——— Poujade: N. Arch. Mus. Paris (3), iii. p. 270, pl. 11, f. 6 (1892).

Type (*fenestrata*). Darjiling, in coll. Staudinger.

a. Sarawak, Borneo (type) Wallace). b. India.

This is a much larger insect than the following and quite distinct, the colour, markings, and hyaline spot on hind-wings are of an entirely

different character. I have twelve of this species, and twenty-five of *ignita* before me, and have never seen an intermediate.

3107. Dysodia ignita.

Varnia ignita. Walker: xxxiii. 825 (1865).
———— Moore: P. Z. S., Lond., 1867, p. 62.
———— Journ. As. Soc., Beng., liii. (2), p. 236 (1884).
———— C. and S.: Cat. Moths of India, iii. 339. 2211 (1888).
———— Pag.: Iris, v., p. 29 (1892).
Pachythyris ignita. Guen.: Ann. Soc. Ent. Fr. (5), vii. p. 280 (1877).
Dysodia ignita. Hmn.: Faun. Brit. Ind. Moths, i. p. 368 (1892).
———— Ill. Typ. Lep. Het., B. M., ix. 8. 163 (1893).
———— P. Z. S., Lond., 1897, p. 609.
Varnia inæqualis. Walker: xxxiii. 828.
———— Moore: P. Z. S., Lond., 1867, p. 62.
———— Cotes and Swinh.: l. c., 2212.
———— Pag.: l. c., p. 31.
Pachythyris siculoides. Felder: Reise Nov. Lep., pl. 75, f. 1 (1868).
Varnia siculoides. Pag.: l. c.
Pachythyris rajah. Boisd.: Lep. Het., i. p. 492 (1875).
———— Guen.: l. c., p. 281.
———— Cotes and Swinh.: l. c., i. 43. 210 (1887).
———— Pag.: l. c.
Varnia ypsiloides. Pag.: l. c., p. 35.

Type. Silhet, in B. M.
Type (*siculoides*). Java, in coll. Rothschild.
a. Silhet (type *inæqualis*). b. India. c. Ganjam (Minchin).

3108. Dysodia viridatrix.

Eutelia viridatrix. Walker: xv. 1777 (1858).
———— C. and S.: Cat. Moths of India, iii. 339. 2207 (1888).
Dysodia viridatrix. Hampson: Faun. Brit. Ind. Moths, i. p. 369 (1892).
———— Ill. Typ. Lep. Het., B. M., ix. 8. 163 *a* (1893).
———— P. Z. S., Lond., 1897, p. 609.
Eutelia siccifolia. Moore: P. Z. S., Lond., 1881, p. 375.
———— Descr. Ind. Lep. Atk., p. 147 (1882).
———— Cotes and Swinh.: l. c., 2206.

Type. N. India, in B. M.
Type (*siccifolia*). Darjiling, in coll. Staudinger.
a. India (2).

Genus **HERDONIA**. Walker: xix. 963 (1859).

3109. Herdonia osacesalis.

Herdonia osacesalis. Walker: xix. 964.
———— Moore: P. Z. S., Lond., 1867, p. 90.
———— Felder: Reise Nov. Lep., pl. 134, f. 4 (1874).
———— S. and C.: Cat. Moths of India, v. 652, 4427 (1888).
———— Hampson: Faun. Brit. Ind. Moths, i. p. 367 (1892).
———— Pag.: Iris, v. p. 60 (1892).
———— Hampson: P. Z. S., Lond., 1897, p. 610.

Type. Silhet, in B. M.
a. N. China.

Genus **DIXOA.** Hmn.: Faun. Brit. Ind. Moths, i. p. 355 (1892).

3110. Dixoa albatalis.

Rhodoneura albatalis. Swinhoe: P. Z. S., Lond., 1889, p. 422, pl. 44, f. 1, 2
———— Pag.: Iris, v. p. 52 (1892).
Dixoa albatalis. Hampson: l. c.
———— P. Z. S., Lond., 1897, p. 611.

Type. N. Kanara, in B. M.
a. Ceylon (Thwaites). b. India.

Genus **STRIGLINA.** Guen.: Ann. Soc. Ent. Fr. (5), vii., p. 283 (1877).

Tanyodes. Möschler: Surinam, iv. p. 25 (1881).

Sonagara. Moore: Descr. Ind. Lep. Atk., p. 179 (1882).

3111. Striglina scitaria.

Drepanodes (?) *scitaria.* Walker: xxvi. 1488 (1862).
Sonagara scitaria. Moore: Lep. Ceylon, iii. p. 206, pl. 175, f. 1, 1*a* (1885).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 258.
———— Staud.: Rom. Mem., vi. p. 636 (1892).
———— Hmn.: Ill. Typ. Lep. Het., B. M., ix. 7. 154 (1893).
Striglina scitaria. Hampson: l. c., viii. 33. 942 (1892).
———— Faun. Brit. Ind. Moths, i. p. 354 (1892).
———— Pag.: Iris, v. p. 44, pl. 1, f. 15 (1892).
———— Hampson: P. Z. S., Lond., 1897, p. 613.
———— Leech: Trans. Ent. Soc., Lond., 1898, p. 373.
Anisodes (?) *pyriniata.* Walker: xxvi. 1582.
Thermesia (?) *reticulata.* Walker: xxxiii. 1062 (1865).
———— Moore: P. Z. S., Lond., 1867, p. 77; 1877, p. 611.
Sonagara reticulata. Swinhoe: P. Z. S., Lond., 1885, p. 468.
———— Moore: Journ. Linn. Soc., Lond., Zool., 1886, p. 58.
———— C. and S.: Cat. Moths of India, iii. 430. 2811 (1888).
———— Staud.: l. c.
Striglina reticulata. Meyrick: Trans. Ent. Soc., Lond., 1897, p. 91.
Laginia reticulata. Walker: xxxv. 1560 (1866).
Azazia navigatorum. Felder: Reise Nov. Lep., pl. 117, f. 4 (1873).
Striglina lineola. Guen.: l. c., p. 284.
———— Pag.: l. c., 42.
Durdara lineola. Cotes and Swinh.: l. c., 427. 2786.
Homodes thermesioides. Snellen: Tijd. voor Ent., 1877, p. 28, pl. 2, f. 15; 1878, p. 67; 1887, p. 2.
———— Pag.: J. B. Nass. Ver., 1888, p. 352.
Timandra (?) *cancellata.* Christ.: Neue Lep. Amur, p. 23 (1880).
Idiodes cancellata. Christ.: Stett. Ent. Zeit., 1893, p. 35.
Sonogara superior. Butler: Ann. Mag. N. H. (5), xx. p. 433 (1887).

Type (*pyriniata*). Kanara, in B. M.
Type (*reticulata*). South India, in B. M.
Type (*navigatorum*). Fiji, in coll. Rothschild.
Type (*superior*). Solomon Islands, in B. M.

a. New Guinea (type *Laginia reticulata*) (Wallace).

Strigosa, *vialis* and *strigipennis*, sunk by Hampson, are in my opinion good species.

Laginia reticulata = *navigatorum* = *superior*, may prove to be distinct from *scitaria*; being larger, paler, and more roughly scaled.

3112. Striglina bivittata.

Sonagara bivittata. Moore: P. Z. S., Lond., 1883, p. 27, pl. 6, f. 7.
———— C. and S.: Cat. Moths of India, iii. 429. 2809 (1888).
Striglina bivittata. Pag.: Iris, v. p. 43 (1892).
Striglina decussata. Hmn.: (part) Faun. Brit. Ind. Moths, i. p. 354 (1892).
Striglina glareola. Hampson: (part) P. Z. S., Lond., 1897, p. 613.

Type. Andamans, in B. M.

a. Sula (Wallace).

3113. Striglina pyrrhata.

Arhodia pyrrhata. Walker: xxxv. 1575 (1866).
Striglina pyrrhata. Meyrick: Trans. Ent. Soc., Lond., 1887, p. 199.
———— Pag.: Iris, v. p. 445 (1892).
———— Hampson: P. Z. S., Lond., 1897, p. 613.
———— Warren: Nov. Zool., v. p. 421 (1898).
Striglina australina. Guen.: Ann. Soc. Ent. Fr. (5), vii. p. 284 (1877).
———— Pag.: l. c., 43.

Type. Moreton Bay, in B. M.

a. New South Wales.

Genus **BETOUSA.** Walker: xxxiii. 1111 (1865).

Hypolamprus. Hampson: Faun. Brit. Ind. Moths, i. p. 364 (1892).

3114. Betousa dilecta. Pl. VII. f. 5.

Betousa dilecta. Walker: xxiii., 1112.

a. Morty (type) (Wallace).

Genus **RHODONEURA.** Guen.: Sp. Gen. Lep. Phal., ii. pl. 1, f. 8 (1857).

Brixia. Walker: xix. 889 (1859).

Calindœa. Walker: xxvii. 87 (1863).

Osca. Walker: Journ. Linn. Soc., Lond., vii. p. 73 (1864).

Canæa. Walker: l. c.

Banisia. Walker: l. c., p. 77.

Pharambara. Walker: xxxiv. 1274 (1865).

Opula. Walker: Proc. N. H. Soc., Glasg., i. p. 371 (1869).

Siculodes. Guen.: Ann. Soc. Ent. Fr. (5), vii. p. 289 (1877).

Microsca. Butler: Ill. Typ. Lep. Het., B. M., iii. p. 71 (1879).

Pyriniodes. Butler: Trans. Ent. Soc., Lond., 1881, p. 199.

Durdara. Moore: Descr. Ind. Lep. Atk., p. 176 (1882).

Letchena. Moore: Lep. Ceylon, iii. p. 257 (1885).

Sericophara. Christ.: Rom. Mém., vi. p. 636 (1892).

3115. Rhodoneura acaciusalis.

Pyralis acaciusalis. Walker: xix. 901.
——————— S. and C.: Cat. Moths of India, v. 654. 4439 (1888).
Rhodoneura acaciusalis. Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 289.
——————— Hmn.: Faun. Brit. Ind. Moths, i. p. 356 (1892).
——————— (part) P. Z. S., Lond., 1897, p. 623.
Siculodes strigatula. Felder: Wien. Ent. Mon., vi. p. 40 (1862).
——————— Walker: xxxii. 516 (1865).
——————— Felder: Reise Nov. Lep., pl. 134, f. 9 (1874).
——————— Guen.: l. c., p. 290 (1877).
Rhodoneura (?) *strigatula.* Pag.: Iris, v. p. 51 (1892).
Rhodoneura minicula. Guen.: l. c., p. 288.

Type. Moulmein, in B. M.
Type (*strigatula*). Ningpo, in coll. Rothschild.
a. India.

3116. Rhodoneura irias.

Striglina irias. Meyrick: Trans. Ent. Soc., Lond., 1887, p. 199.
Rhodoneura irias. Hampson: P. Z. S., Lond., 1897, p. 623.

Type. Queensland, in coll. Lucas.
a. Australia.

3117. Rhodoneura semitessellata.

Canæa semitessellata. Walker: Journ. Linn. Soc., Lond., vii. p. 73 (1864).
——————— xxxiii. 846 (1865).
Rhodoneura semitessellata. Hampson: P. Z. S., Lond., 1897, p. 618.
Pyralis semitessellalis. Walker: xxxiv. 1246 (1865).
Letchena semitessellalis. Warren: Nov. Zool., v. p. 223 (1898).
Siculodes ignotalis. Rob.: Tijd. voor Ent., xxxiv. p. 329 (1891); xxxv. pl. 6, f. 7 (1892).
Rhodoneura tessellatula. Pag.: Iris, v. p. 58 (1892).
——————— Hampson: l. c., p. 625.
Striglina hyalospila. Lower: Tr. Roy. Soc., S. Austral., xviii. p. 87 (1894).
——————— Hampson: l. c., p. 613.
Letchena plagiata. Warren: l. c., iv. p. 382 (1897).

Type (*Pyralis semitessellalis*). Moreton Bay, in B. M.
Type (*hyalospila*). Queensland, in coll. Rothschild.
Type (*plagiata*). Tobriand Island, in coll. Rothschild.
a. Sarawak, Borneo (type) (Wallace).

3118. Rhodoneura pudicula.

Rhodoneura pudicula. Guen.: Ur. et Phal., ii. Siculides, f. 8 (1857).
——————— Ann. Soc. Ent. Fr. (5), vii. p. 288 (1877).
——————— Pag.: Iris, v. p. 50 (1892).
——————— Walker: xxxv. 523 (1865).
——————— Hampson: P. Z. S., Lond., 1897, p. 623.
Siculodes pudicula. Meyrick: Trans. Ent. Soc., Lond., 1894, p. 479.
Osca guttulosa. Walker: Journ. Linn. Soc., Lond., vii. p. 73 (1864).
——————— xxxiii. 846 (1865).

Type (*guttulosa*). Borneo, in B. M.
a. Sarawak, Borneo (Wallace). b. Makian, Celebes (2) (Wallace).

3119. Rhodoneura myrtæa.

Phalæna (*Noctua*) *myrtæa*. Drury: Ins. Exot., ii. p. 4, pl. 2, f. 3 (1773).
Noctua myrtæa. Westw.: ed. Drury, ii. p. 3, pl. 2, f. 3 (1837–42).
Thermesia myrtæa. Walker: xv. 1575 (1858).
Striglina myrtæa. Guen.: Ann. Soc. Ent. Fr. (5), vii. p. 285 (1877).
——— Meyrick: Trans. Ent. Soc., Lond., 1889, p. 503.
——— Pag.: Iris, v., p. 41 (1892).
Durdara myrtæa. Moore: Descr. Ind. Lep. Atk., p. 177 (1882).
——— C. and S.: Cat. Moths of India, iii. 427. 2788 (1888).
——— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 289.
Rhodoneura myrtæa. Hampson: Faun. Brit. Ind. Moths, i. p. 358 (1892).
——— P. Z. S., Lond., 1897. p. 618.
Banisia fenestrifera. Walker: Journ. Linn. Soc., Lond., vii. p. 78 (1864).
——— xxxiii. 864 (1865).
Thermesia fenestrina. Felder: Reise Nov. Lep., pl. 117, f. 2 (1873).
Striglina clathrula. Guen.: l. c.
Durdara fenestrata. Moore: P. Z. S., Lond., 1883, p. 27, pl. 6, f. 6.
——— Swinhoe: P. Z. S., Lond., 1885, p. 469.
C. and S.: l. c., 426. 2785.
Microsca plagifera. Butler: Trans. Ent. Soc., Lond., 1886, p. 420.
——— Meyrick: l. c., 1887, p. 185.
——— Pag.: l. c., p. 120.
Durdara ovifera. Butler: P. Z. S., Lond., 1892, p. 129, pl. 6, f. 7.
Letchena diversicolor. Warren: Nov. Zool., iv. p. 381 (1897).

Type (*fenestrina*). Celebes, in coll. Rothschild.
Type (*fenestrata*). Bombay, in B. M.
Type (*plagifera*). Tonga Island, in B. M.
Type (*ovifera*). Sandakan, in B. M.
Type (*diversicolor*). Trobriand Island, in coll. Rothschild.
a. Sarawak, Borneo (type *fenestrifera*) (Wallace). b. Bombay.
c. India (2).

3120. Rhodoneura hypoxantha.

Rhodoneura hypoxantha. Hmn.: Faun. Brit. Ind. Moths, i. p. 364 (1892).
——— P. Z. S., Lond., 1897, p. 616.

Type. Mussooree, in B. M.
a. Darjiling.

3121. Rhodoneura myrsusalis.

Pyralis myrsusalis. Walker: xix. 892 (1859).
Rhodoneura myrsusalis. Hmn.: Faun. Brit. Ind. Moths, i. p. 357 (1892).
——— P. Z. S., Lond., 1897, p. 618.
Pyralis elaralis. Walker: xix. 901.
Letchena elaralis. Moore: Lep. Ceylon, iii. p. 257 (1885).
——— S. and C.: Cat. Moths of India, v. 661. 4498 (1888).
Pyralis (?) *idalialis*. Walker: xix. 903.
——— S. and C.: l. c., 655. 4449.
Striglina idalialis. Meyrick: Trans. Ent. Soc., Lond., 1894, p. 13.
Letchena idalialis. Warren: Nov. Zool., v. p. 421 (1898).
Striglina scallula. Guen.: Ann. Soc. Ent. Fr. (5), vii. p. 287 (1877).
——— Möschler: Verh. Z. B. Ver. Wien., 1881, p. 414, pl. 18, f. 51.
——— Pag.: Iris, v. p. 41 (1892).

Durdara lobata. Moore: Descr. Ind. Lep. Atk., p. 177, pl. 15, f. 16 (1882).
——————— Cotes and Swinh.: l. c., iii. 427. 2787 (1888).
Striglina lobata. Pag.: l. c., p. 39.
Durdara pyraliata. Moore: l. c.
——————— Cotes and Swinh.: l. c., 2789.
Striglina pyraliata. Pag.: l. c.
Durdara zonula. Swinhoe: P. Z. S., Lond., 1885, p. 469, pl. 28, f. 12.
——————— Cotes and Swinh.: l. c., 2790.
Striglina zonula. Pag.: l. c., p. 41.
Striglina radiata. Pag.: l. c.

Type. St. Domingo, in B. M.
Type (*elaralis*). Ceylon, in B. M.
Type (*lobata*). Khasia Hills, in coll. Staudinger.
Type (*pyraliata*). Calcutta, in coll. Staudinger.
Type (*zonula*). Bombay, in B. M.
a. Sarawak, Borneo (type *idalialis*) (Wallace). b. India (Ashmol. Mus.).

3122. Rhodoneura loceusalis.

Pyralis loceusalis. Walker: xix. 903 (1859).
——————— S. and C.: Cat. Moths of India, v. 656. 4453 (1888).
Rhodoneura loceusalis. Hmn.: Faun. Brit. Ind. Moths, i. p. 358 (1892).
——————— Ill. Typ. Lep. Het., B. M., ix. 8. 157 (1893).
——————— P. Z. S., Lond., 1897, p. 618.
Pyralis (?) *thyralis.* Walker: xxxiv. 1234 (1865).
Letchena thyralis. Moore: Lep. Ceylon, iii. p. 257, pl. 178, f. 10 (1885).
——————— Swinh. and Cotes: l. c., 661. 4499.
Siculodes thyralis. Pag.: Iris, v. p. 121 (1892).

Type (*thyralis*). Ceylon, in B. M.
a. India (type).

This species might stand under Moore's Genus *Letchena*; it is more like a *Striglina* than *Rhodoneura*, having the tibiæ just as hairy as in *Striglina*.

3123. Rhodoneura phasianalis. nov. Pl. VI. f. 14.

Synneda phasianalis. Walker: MS.

♂ Brown, paler towards the interior of fore-wings, and on the hind-wings, both wings covered by evenly disposed dark brown tesselations, fore-wings with costal line black interrupted with pale dots in pairs, marginal line of both wings brown, a sub-marginal black dot on fore-wings just above the middle, and two or three black marks on the abdominal border of hind-wings. Underside, brownish grey, with the tessellations prominent.

Expanse of wings, $\frac{9}{10}$ inch.
a. New Guinea (type) (Wallace).

3124. Rhodoneura tetragonata.

Banisia (?) *tetragonata.* Walker: Journ. Linn. Soc., Lond., vii. p. 78 (1864).
——————— xxxiii. 865 (1865).
Rhodoneura tetragonata. Hmn.: Faun. Brit. Ind. Moths, iv. App., p. 481 (1896).

Rhodoneura tetragonata. Hmn.: P. Z. S., Lond., 1897, p. 619.
Pharambara vinosa. Butler: P. Z. S., Lond., 1892, p. 130, pl. 6, f. 8.
Rhodoneura vinosa. Hmn.: (part) Faun. Brit. Ind. Moths, i. p. 361 (1892).
Siculodes quadripunctula. Pag.: Iris, v. p. 110 (1892).
Rhodoneura jubralis. Swinhoe: Ann. Mag. N. H. (6), xvi. p. 299 (1895).

Type (*vinosa*). Sandakan, in B. M.
Type (*quadripunctula*). Sumatra, in coll. Staudinger.
Type (*jubralis*). Cherra Punji, in B. M.
a. Sarawak, Borneo (type) (Wallace).

3125. Rhodoneura micacealis.

Pharambara micacealis. Walker: xxxiv. 1275 (1865).
Rhodoneura micacealis. Hmn.: Faun. Brit. Ind. Moths, i. p. 362 (1892).
——————————— P. Z. S., Lond., 1897, p. 620.
Siculodes micacealis. Pag.: Iris, v. p. 101 (1892).
——————————— Meyrick: Trans. Ent. Soc., Lond., 1894, p. 478.
Pyralis disjunctalis. Walker: xxxiv. 1526.
Siculodes papuensis. Pag.: J. B. Nass. Ver., 1886, p. 165.
——————————— Hampson: l. c., p. 625.
Pharambara occlusa. Warren: Nov. Zool., iv. p. 382 (1897).

Type. Mysol, in B. M.
Type (*occlusa*). Bali, in coll. Rothschild.
a. Mysol (type *disjunctalis*) (Wallace). b. Mysol (Wallace).

3126. Rhodoneura albiferalis. Pl. VI. f. 12.

Pyralis albiferalis. Walker: xxxiv. 1524 (1865).
Rhodoneura albiferalis. Hampson: P. Z. S., Lond., 1897, p. 623.

a. Batchian (type) (Wallace).
Closely allied to *R. dorilusalis*, Walker.

3127. Rhodoneura dorilusalis.

Brixia dorilusalis. Walker: xix. 890 (1859).
Rhodoneura dorilusalis. Hampson: P. Z. S., Lond., 1897, p. 617.
Pyralis imbutalis. Walker: xxxiv. 1524 (1865).
Siculodes acutipennis. Pag.: J. B. Nass. Ver., 1886, p. 167.
——————————— Iris, v. p. 122 (1892).
——————————— Hampson: l. c., p. 625.
Banisia elongata. Warren: Nov. Zool., iii. p. 340 (1896).

Type (*elongata*). Queensland, in coll. Rothschild.
a. Sarawak, Borneo (type) (Wallace). b. Mysol (type *imbutalis*) (Wallace).

3128. Rhodoneura inductalis.

Pyralis inductalis. Walker: xxxiv. 1525 (1865).

a. Ceram (type) (Wallace).

3129. Rhodoneura taphiusalis.

Botys taphiusalis. Walker: xviii. 720 (1859).
Rhodoneura taphiusalis. Hampson: P. Z. S., Lond., 1897, p. 622.
Rhodoneura globulifera. Pag.: Iris, v. p. 123 (1892).

a. Sarawak, Borneo (type) (Wallace).

3130. Rhodoneura nitens.

Microsca nitens. Butler: Ann. Mag. N. H. (5), xx. p. 116 (1887).
———— Hmn.: Ill. Typ. Lep. Het., B. M., viii. 33. 939 (1891).
Rhodoneura nitens. Hampson: Faun. Brit. Ind. Moths, i. p. 359 (1892).
———— Ill. Typ. Lep. Het., B. M., ix. p. 70, pl. 171, f. 8 (1893).
———— P. Z. S., Lond., 1897, p. 622.
———— Leech: Trans. Ent. Soc., Lond., 1898, p. 376.
Siculodes nitens. Pag.: Iris, v. p. 120 (1892).
Pharambara hamifera. Moore: Descr. Ind. Lep. Atk., p. 213 (1888).
———— S. and C.: Cat. Moths of India, v. 646. 4380 (1888).
Siculodes hamifera. Pag.: l. c., p. 104.
Siculodes ancylosema. Meyrick: Trans. Ent. Soc., Lond., 1894, p. 478.

Type. Alu, in B. M.
Type (*hamifera*). Calcutta, in coll. Staudinger.
Type (*ancylosema*). Pulo Laut, in B. M.
a. Sarawak, Borneo (Wallace).

3131. Rhodoneura acutalis.

Pyralis acutalis. Walker: xxxiv. 1523 (1865).
Rhodoneura acutalis. Hampson: P. Z. S., Lond., 1897, p. 622.

a. Mysol (type) (Wallace).

3132. Rhodoneura anticalis.

Pyralis (?) *anticalis.* Walker: xxxiv. 1238 (1865).
Siculodes anticalis. Meyrick: Trans. Ent. Soc., Lond., 1886, p. 215; 1894, p. 479; 1897, p. 91.
Rhodoneura anticalis. Hampson: Faun. Brit. Ind. Moths, i. p. 357 (1892).
———— Pag.: Iris, v. p. 57 (1892).
———— Hampson: (part) P. Z. S., Lond., 1897, p. 624.
Rhodoneura tetraonalis. Moore: P. Z. S., Lond., 1877, p. 617, pl. 60, f. 10.
———— S. and C.: Cat. Moths of India, v. 646. 4377 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 289.
———— Pag.: l. c., p. 54.

Type. Mysol, in B. M.
Type (*tetraonalis*). Port Blair, Andamans, in B. M.
a. Mysol (Wallace).

3133. Rhodoneura puralis.

Pyralis puralis. Walker: xxxiv. 1238 (1865).
Rhodoneura puralis. Moore: Journ. Linn. Soc., Lond., Zool., xxi. p. 59 (1886).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 289.
———— Pag.: Iris, v. p. 56 (1892).

a. Sarawak, Borneo (type) (Wallace).

3134. Rhodoneura nævina.

Rhodoneura nævina. Moore: Descr. Ind. Lep. Atk., p. 212 (1888).
———— C. and S.: Cat. Moths of India, v. 646. 4375 (1888).
———— Hampson: Faun. Brit. Ind. Moths, i. p. 357 (1892).
———— P. Z. S., Lond., 1897, p. 624.
———— Pag.: Iris, v. p. 55 (1892).

Rhodoneura tetraonalis. Pag. (nec Moore): J. B. Nass. Ver., 1886, p. 134.

Type. Darjiling, in coll. Staudinger.

a. India.

Very doubtfully distinct from *anticalis*.

3135. Rhodoneura marmorealis.

Rhodoneura marmorealis. Moore: P. Z. S., Lond., 1877, p. 617.
———— S. and C.: Cat. Moths of India, v. 646. 4374 (1888).
———— Pag.: Iris, v. p. 55 (1892).
Rhodoneura denticulosa. Moore: Lep. Ceylon, iii. p. 267 (1885).
———— Swinh. and Cotes: l. c., 4373.
Rhodoneura bastialis. Hampson: (part) Faun. Brit. Ind. Moths, i. p. 357 (1892).

Type. Andamans, in B. M.

Type (*denticulosa*). Ceylon, in B. M.

a. Ceylon (Thwaites).

GENUS **OXYCOPHINA.** Warren: Nov. Zool., iii. p. 342 (1896).

3136. Oxycophina theorina.

Siculodes theorina. Meyrick: Trans. Ent. Soc., Lond., 1887, p. 200.
———— Pag.: Entom. Nachr., 1896, p. 54.
———— Hampson: P. Z. S., Lond., 1897, p. 625.
Oxycophina theorina. Warren: l. c., v. pp. 421. 432 (1898).
Siculodes fenestrata. Pag.: J. B. Nass. Ver., 1888, p. 183.
———— Iris, v. pl. 1, f. 2 (1892).
Rhodoneura fenestrata. Hampson: l. c., p. 620.
Oxycophina subfenestrata. Warren: l. c., iii. p. 342.
Canæa plana. Walker: MS.

Type. Queensland, in coll. McLeay.

Type (*subfenestrata*). New Britain, in coll. Rothschild.

a. Aru (Wallace).

Palpi thick, well clothed, upturned, reaching vertex of head, venation as in *Rhodoneura*; antennæ of ♂ bipectinated with short thick bristles.

GENUS **ADDÆA.** Walker: xxxiv. 1201 (1865).

Mesopempta. Meyrick: Trans. Ent. Soc., Lond., 1886, p. 217.

3137. Addæa candidalis.

Pyralis candidalis. Walker: xxxiv. 1239.
Rhodoneura candidalis. Pag.: Iris, v. p. 57 (1892).
Addæa candidalis. Hampson: (part) P. Z. S., Lond., 1897, p. 632.
Pyralis obliqualis. Walker: xxxiv. 1522.
Rhodoneura obliqualis. Pag.: l. c.
Siculodes bivittata. Pag.: J. B. Nass. Ver., 1886, p. 60.

Type. Ceram, in B. M.

a. Aru (type *obliqualis*) (Wallace). b. New Guinea (2) (Wallace).

Sir George Hampson, P. Z. S., 1897, p. 632, puts *Siculodes striola*,

Felder, Reise Nov. Lep., pl. 134, f. 14, as a synonym, with which I do not agree: but at p. 622, No. 77, he makes mention of *Rhodoneura striola*, Felder, pl. 134, f. 15: this is a misprint, it should be *xanthina*.

3138. Addæa polygraphalis.

Pyralis polygraphalis. Walker: xxxiv. 1245 (1865).
Addæa polygraphalis. Hampson: (part) P. Z. S., Lond., 1897, p. 632.
Botys (?) *transversalis.* Walker: xxxiv. 1415.
Pyralis polyphoralis. Walker: xxxv. 1977 (1866).

Type. Swan River, in B. M.
a. Sarawak, Borneo (type *transversalis*) (Wallace). b. New Guinea (Wallace). c. Sula (Wallace).

Family **GALLERIIDÆ.**

Genus **TIRATHABA.** Walker: xxx. 961 (1864).
Mucialla. Walker: xxxv. 1739 (1866).

3139. Tirathaba semifœdalis.

Botys (?) *semifœdalis.* Walker: xxxiv. 1439 (1865).
Mucialla semifœdalis. Hampson: Faun. Brit. Ind. Moths, iv. p. 5 (1896).

a. Sula (type) (Wallace).

Genus **MEYRICKIELLA.** Rag.: Rom. Mem., viii. ined.

3140. Meyrickiella latro.

Aphomia latro. Zeller: Verh. Z. B. Ver., 1873, p. 213.
——— Meyrick: Proc. Linn. Soc., N. S. W., 1880, p. 238.
Meyrickiella latro. Rag.: l. c.

Type. Adelaide, in B. M.
a. Van Diemen's Land (2) (Burchell coll.).

Genus **HETEROMICTA.** Meyrick: Trans. Ent. Soc., Lond., 1886, p. 273.

3141. Heteromicta pachytera.

Aphomia pachytera. Meyrick: Proc. Linn. Soc., N. S. W., 1880, p. 237.
Heteromicta pachytera. Meyrick: Trans. Ent. Soc., Lond., 1887, p. 251.

Type. Hobart, in coll. Raynor.
a. Van Diemen's Land (Burchell coll.).

Genus **HARPAGONEURA.** Butler: Ann. Mag. N. H. (5), xv. p. 242 (1885).

3142. Harpagoneura complexa.

Harpagoneura complexa. Butler: l. c.

Type. Ellice Islands, in B. M.
a. Mysol (Wallace).

3143. Harpagoneura complana.

Aphomia (?) *complana.* Felder: Reise Nov. Lep., pl. 137, f. 6 (1874).

Type. Amboina, in coll. Rothschild.

a. Ceram (Wallace).

Genus **ETHOPIA.** Walker: xxxi. 233 (1864).

3144. Ethopia roseilinea. Pl. VII. f. 4.

Ethopia roseilinea. Walker: xxxi. 234.

a. N. Guinea (type).

The type specimen is a male, not female as stated by Walker.

Genus **MELISSOBLAPTES.** Zeller: Iris, 1839, p. 180.
Bapara. Walker: xxxii. 602 (1865).

3145. Melissoblaptes obliterosa. Pl. VII. f. 2.

Bapara obliterosa. Walker: xxxii. 603.

a. New Guinea (type) (Wallace).

Family **CRAMBIDÆ.**

Genus **CULLADIA.** Moore: Lep. Ceylon, iii. p. 383 (1886).
Araxes. Walker: xxvii. 192 (1863) (præocc.).

3146. Culladia admigratella.

Araxes admigratella. Walker: xxvii. 192.
Culladia admigratella. Moore: l. c.
——— S. and C.: Cat. Moths of India, vi. 688. 4686 (1889).
——— Hampson: P. Z. S., Lond., 1895, p. 924.
——— Faun. Brit. Ind. Moths, iv. p. 11 (1896).
Araxes cæsella. Walker: xxvii. 193.
Culladia cæsella. Moore: l. c.
——— Swinh. and Cotes: l. c., 4687.
Scopula hastiferalis. Walker: xxxiv. 1473 (1865).
Crambus troglodytellus. Snellen: Tijd. voor Ent. (2), vii. p. 103, pl. 8, f. 6 (1864).

Type. Ceylon, in B. M.

Type (*cæsella*). Ceylon, in B. M.

a. Sarawak, Borneo (type *hastiferalis*) (Wallace). b. Sarawak (Wallace).

Meyrick, in Trans. Ent. Soc., Lond., 1887, p. 272, sinks this species under *Thiallela signifera*, Walker xxvii. p. 120, the type of which from Sarawak is probably in the B. M., but I have not been able to find it; and it is not mentioned by Hampson in his monograph of the family in P. Z. S., 1895.

Genus **PLATYTES.** Guen.: Eur. Microlep. Ind. Méth., p. 86 (1854).

3147. Platytes plumbeolinealis.

Platytes plumbeolinealis. Hampson: P. Z. S., Lond., 1895, p. 947.

Platytes plumbeolinealis. Hmn.: Faun. Brit. Ind. Moths, iv. p. 22 (1896).
Batina cinerealis. Walker: MS.

Type. Punjab, in B. M.

a. Flores (Wallace). b. India.

Genus **ESCHATA.** Walker: ix. 133 (1856).
Chærecla. Walker: xxxii. 633 (1865).

3148. Eschata percandida.

Eschata percandida. Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 293.
——— Hampson: P. Z. S., Lond., 1895, p. 961.
——— Faun. Brit. Ind. Moths, iv. p. 30 (1896).

Type. Rangoon, in B. M.

a. India (Ashmol. Mus.).

3149. Eschata chrysargyria.

Chærecla chrysargyria. Walker: xxxii. 634 (1865).
Eschata chrysargyria. Hampson: P. Z. S., Lond., 1895, p. 961.
——— Faun. Brit. Ind. Moths, iv. p. 29 (1896).
Eschata argentata. Moore: Descr. Ind. Lep. Atk., p. 227 (1888).
——— S. and C.: Cat. Moths of India, vi. 683. 4650 (1889).

Type (*argentata*). Darjiling, in coll. Staudinger.

a. Bouru (type) (Wallace). b. Ceram (Wallace).

Genus **TALIS.** Guen.: Ind. Micr., p. 86 (1845).
Hednota. Meyrick: Trans. Ent. Soc., Lond., 1886, p. 270.
Araxates. Rag.: Ann. Soc. Ent. Fr. (6), viii. p. 281 (1888).

3150. Talis pleniferellus.

Crambus pleniferellus. Walker: xxvii. 173 (1863).
——— Meyrick: Proc. Linn. Soc., N. S. W., 1879, p. 187.
Talis pleniferellus. Hampson: P. Z. S., Lond., 1895, p. 968.
Crambus aurosus. Felder: Reise Nov. Lep., pl. 137, f. 31 (1874).
——— Zeller: Hor. Ross., 1877, p. 45.

Type. Sydney, in B. M.

Type (*aurosus*). Melbourne, in coll. Rothschild.

a. Australia.

Genus **SURATTHA.** Walker: xxvii. 75 (1863).
Pindicitora. Walker: xxvii. 135.
Calarina. Walker: xxxv. 1769 (1866).

3151. Surattha invectalis.

Surattha invectalis. Walker: xxvii. 76.
——— Swinhoe: P. Z. S., Lond., 1885, p. 879; 1886, p. 462.
——— Moore: Lep. Ceylon, iii. p. 378 (1886).
——— S. and C.: Cat. Moths of India, vi. 693. 4723 (1889).
——— Hampson: P. Z. S., Lond., 1895, p. 965.
——— Faun. Brit. Ind. Moths, iv. p. 31 (1896).

Pindicitora thysbealis. Walker: xxvii. 135.
———— Swinh. and Cotes: (part) l. c., 692. 4718.
Scopula (?) *nigrifascialis.* Walker: xxxiv. 1472 (1865).
Udea nigrifascialis. Swinh. and Cotes: l. c., v. 609. 4155 (1888).
Calarina albirenella. Walker: xxxv. 1770.
———— Swinh. and Cotes: l. c., vi. 692. 4721.

Type. Without locality, in B. M.
Type (*thysbealis*). Ceylon, in B. M.
Type (*nigrifascialis*). Deccan, in B. M.
Type (*albirenella*). South India, in B. M.
a. India.

GENUS **ANCYLOLOMIA.** Hübn.: Verz., p. 363 (1816).
Jartheza. Walker: xxvii. 183 (1863).

3152. Ancylolomia chrysographella.

Chilo chrysographellus. Kollar: Hüg. Kasch., iv. p. 494 (1844).
Jartheza chrysographella. Walker: xxvii. 184.
———— Butler: P. Z.S., Lond., 1883, p. 173; 1886, p. 394.
———— Swinhoe: P. Z. S., Lond., 1885, p. 879; 1886, p. 461.
———— S. and C.: Cat. Moths of India, vi. 691. 4712 (1889).
———— Hampson: Ill. Typ. Lep. Het., B. M., viii. 42. 1145 (1891).
Ancylolomia chrysographella. Warren: P. Z. S., Lond., 1888, p. 337.
———— Hmn.: P. Z. S., Lond., 1895, p. 966.
———— Faun. Brit. Ind. Moths, iv. p. 33 (1896).
Ancylolomia taprobanensis. Zeller: Mon. Chil. and Cramb., p. 9 (1863).
———— Hor. Ent. Ross., p. 25, pl. 1, f. 8 (1864).
———— Walker: xxx. 969 (1864).
———— Moore: Lep. Ceylon, iii. p. 381, pl. 184, f. 2, 2 *a* (1886).
———— Swinh. and Cotes: l. c., 4710.
Ancylolomia capensis. Zeller: Mon. Chil. and Cramb., p. 11.
Ancylolomia indica. Felder: Reise Nov. Lep., pl. 137, f. 19 (1874).
Jartheza indica. Swinh. and Cotes: l. c., 692. 4714.
Ancylolomia argentata. Moore: l. c., p. 382, pl. 184, f. 3.
———— Swinh. and Cotes: l. c., 691. 4708.

Type (*indica*). Calcutta, in coll. Rothschild.
Type (*argentata*). Ceylon, in B. M.
a. Indore (Hearsay). b. Ceylon (Thwaites).

FAMILY **SCHŒNOBIIDÆ.**

GENUS **RAMILA.** Moore: P. Z. S., Lond., 1867, p. 667.
Crambostenia. Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 292.

3153. Ramila acciusalis.

Margaronia acciusalis. Walker: xix. 977 (1859).
Ramila acciusalis. Moore: Lep. Ceylon, iii. p. 389, pl. 184, f. 5 (1886).

Ramila acciusalis. Hmn.: Ill. Typ. Lep. Het., B. M., ix. 46. 1192 (1893).
——— P. Z. S., Lond., 1895, p. 908.
——— Faun. Brit. Ind. Moths, iv. p. 42 (1896).
Cirrhochrista acciusalis. Moore: Descr. Ind. Lep. Atk., p. 227 (1888).
——— S. and C.: Cat. Moths of India, vi. 684. 4658 (1889).

Type. Sarawak, Borneo, in B. M.
a. Sarawak (Wallace).

GENUS **BRIHASPA.** Moore: P. Z. S., Lond., 1867, p. 666.

3154. Brihaspa atrostigmella.

Brihaspa atrostigmella. Moore: l. c., pl. 33, f. 13 ♂.
——— Felder: Reise Nov. Lep., pl. 98, f. 19 (1868).
——— S. and C.: Cat. Moths of India, vi. 684. 4657 (1889).
——— Hampson: P. Z. S., Lond., 1895, p. 910.
——— Faun. Brit. Ind. Moths, iv. p. 43 (1896).

Type. Darjiling, in coll. Staudinger.
a. Assam (2) (Jenkins).

GENUS **SCIRPOPHAGA.** Treit.: Schm. Eur., ix. (1), p. 55 (1832).
Apurima. Walker: xxvii. 194 (1863).

3155. Scirpophaga bisignata.

Schœnobius bisignata. Swinhoe: P. Z. S., Lond., 1885, p. 878.
——— S. and C.: Cat. Moths of India, vi. 685. 4662 (1889).
Scirpophaga bisignata. Hampson: P. Z. S., Lond., 1895, p. 914.
——— Faun. Brit. Ind. Moths, iv. p. 47 (1896).

Type. Poona, in B. M.
a. Barrackpur (Minchin).

3156. Scirpophaga auriflua.

Scirpophaga auriflua. Zeller: Mon. Chil. and Cramb., p. 2 (1863).
——— Walker: xxx. 968 (1864).
——— Moore: P. Z. S., Lond., 1865, p. 666.
——— Lep. Ceylon, iii. p. 387 (1886).
——— S. and C.: Cat. Moths of India, vi. 684. 4655 (1889).
——— Hmn.: Ill. Typ. Lep. Het., B. M., ix. 46. 1202 (1893).
——— P. Z. S., Lond., 1895, p. 913.
——— Faun. Brit. Ind. Moths, iv. p. 46 (1896).
Apurima xanthogastrella. Walker: xxvii. 194 (1863).
——— Moore: P. Z. S., Lond., 1867, p. 666.
——— Butler: P. Z. S., Lond., 1886, p. 394.
——— Moore: Lep. Ceylon, iii. p. 388, pl. 184, f. 14.
——— Journ. Linn. Soc., Zool., xxi. p. 60 (1886).
——— S. and C.: (part) l. c., 683. 4654.
——— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 292.
Schœnobius xanthogastrella. Hmn.: Ill. Typ. Lep. Het., B. M., ix. 46. 1196.

Type (*xanthogastrella*). South India, in B. M.
a. Barrackpur (Minchin). b. Indore (2) (Hearsay).

GENUS **CIRRHOCHRISTA.** Led.: Wien. Ent. Mon., vii. p. 440 (1863).

3157. **Cirrhochrista brizoalis.**

Margaronia brizoalis. Walker: xix. 976 (1859).
——————— Swinhoe: P. Z. S., Lond., 1885, p. 871.
Cirrhochrista brizoalis. Meyrick: Trans. Ent. Soc., Lond., 1884, p. 297.
——————— S. and C.: Cat. Moths of India, vi. 684. 4659 (1889).
——————— Hmn.: (part) P. Z. S., Lond., 1895, p. 918.
——————— Faun. Brit. Ind. Moths, iv. p. 50 (1896).
Cirrhochrista ætherialis. Led.: l. c., p. 441, pl. 17, f. 9.

a. Sarawak, Borneo (type) (Wallace).

Lederer very properly sinks his own species to *brizoalis*: they are undoubtedly identical. Hampson has misidentified the latter, the type of which is in this Museum and not in the B. M.

3158. **Cirrhochrista pulchellalis.**

Cirrhochrista pulchellalis. Led.: Wien. Ent. Mon., vii. p. 441, pl. 17, f. 10 (1863).
——————— Hmn.: P. Z. S., Lond., 1895, p. 918.
——————— Faun. Brit. Ind. Moths, iv. p. 49 (1896).
Cirrhochrista ætherialis. Hmn. (nec Led.): Ill. Typ. Lep. Het., B. M., ix. 46. 1190 (1893).

a. Ceylon (Thwaites).

3159. **Cirrhochrista figuratalis.** Pl. VI. f. 18.

Cirrhochrista figuratalis. Walker: xxxiv. 1369 (1865).
Cirrhochrista brizoalis. Hmn.: (part) P. Z. S., Lond., 1895, p. 918.

a. Makian, Celebes (type) (Wallace).

3160. **Cirrhochrista fumipalpis.**

Cirrhochrista fumipalpis. Felder: Reise Nov. Lep., pl. 135, f. 31 (1874).
——————— Hmn.: P. Z. S., Lond., 1895, p. 919.
——————— Faun. Brit. Ind. Moths, iv. p. 50 (1896).

Type. Moluccas, in coll. Rothschild.

a. Ceylon (Thwaites).

I have a series of both sexes of this species from Singapore and also from Calcutta.

3161. **Cirrhochrista disparalis.** Pl. VI. f. 13.

Botys (?) *disparalis.* Walker: xxxiv. 1438 (1865).

a. Sula (type ♀) (Wallace). b. Aru ♂ (Wallace).

3162. **Cirrhochrista caconalis.** nov. Pl. VI. f. 28.

♂ Pure white, palpi brown on the outer side and at the tips; fore-legs with the tibiæ and tarsi with red brown bands: fore-wings with a band on the costa and outer margin, an ante-medial band, indistinct except on hinder margin; two discal bands, the inner band bent outwardly and the outer bent inwardly, touching each other above the centre, the first from centre of costa to one-third from the angle on

the hinder margin, the other from the costa beyond the middle to the outer margin above the angle, another band sub-apical, all the bands reddish brown, the costal band here and there sprinkled with silver scales: hind-wings pure white; abdomen with thin segmental reddish-brown bands.

Expanse of wings, $\frac{9}{10}$ inch.

a. Coomoo, Queensland (type). b. Coomoo.

Example b has the fore-wings palely suffused with reddish brown.

Family **EPIPASCHIIDÆ.**

Genus **SPECTROTROTA.** Warren: Ann. Mag. N. H. (6), vii. p. 426 (1891).

3163. Spectrotrota fimbrialis.

Spectrotrota fimbrialis. Warren: l. c., p. 427.
———— Hmn.: Trans. Ent. Soc., Lond., 1896, p. 462.

Type. Australia, in B. M.

a. Van Diemen's Land.

Genus **LAMIDA.** Walker: xvi. 252 (1858).
Allata. Walker: xxvii. 110 (1863).
Orthotrichophora. Warren: Ann. Mag. N. H. (6), vii. p. 429 (1891).

3164. Lamida moncusalis.

Lamida moncusalis. Walker: xvi. 252.
———— C. and S.: Cat. Moths of India, iii. 448. 2942 (1888).
Macalla moncusalis. Hmn.: Faun. Brit. Ind. Moths, iv. p. 113 (1896).
———— Trans. Ent. Soc., Lond., 1896, p. 464.
Allata penicillata. Walker: xxvii. 111.
———— Swinh. and Cotes: l. c., vi. 682. 4640 (1889).
Orthaga obscura. Moore: Descr. Ind. Lep. Atk., p. 201 (1888).
———— Swinh. and Cotes: l. c., 660. 4490.
Pseudolocastra inimica. Snellen (nec Butler): Trans. Ent. Soc., Lond., 1890, p. 566.

Type (*penicillata*). India, in B. M.

Type (*obscura*). Darjiling, in B. M.

a. India (type). b. India. c. Indore (3) (Hearsay).

3165. Lamida phidiasalis.

Bertula phidiasalis. Walker: xvi. 166 (1858).
Macalla phidiasalis. Hampson: Trans. Ent. Soc., Lond., 1896, p. 464.

a. Sarawak, Borneo (type) (Wallace).

3166. Lamida syrichtusalis.

Bertula syrichtusalis. Walker: xvi. 165 (1858).
Pseudolocastra syrichtusalis. Snellen: Trans. Ent. Soc., Lond., 1890, p. 567.
Orthotrichophora syrichtusalis. Warren: Ann. Mag. N. H. (6), vii. p. 429 (1891).

Macalla syrichtusalis. Hmn.: Faun. Brit. Ind. Moths, iv. p. 113 (1896).
———— Trans. Ent. Soc., Lond., 1896, p. 464.
Orthaga pyralisalis. Walker: xxvii. 105 (1863).
Type. Sarawak, Borneo, in B. M.
a. Sarawak (type *pyralisalis*) (Wallace). b. Sarawak (Wallace).

GENUS **SALMA.** Walker: xxvii. 107 (1863).
Exacosmia. Walker: xxxii. 609 (1865).

3167. **Salma sagarisalis.** Pl. vi. f. 23.
Locastra sagarisalis. Walker: xvi. 160 (1868).
Macalla sagarisalis. Hmn.: Trans. Ent. Soc., Lond., 1896, p. 464.
a. Sarawak, Borneo (type) (Wallace).

GENUS **TELIPHASA.** Moore: Descr. Ind. Lep. Atk., p. 200 (1888).

3168. **Teliphasa derogatella.**
Acrobasis derogatella. Walker: xxvii. p. 30 (1863).
Macalla derogatella. Hmn.: Faun. Brit. Ind. Moths, iv. p. 114 (1896).
———— Trans. Ent. Soc., Lond., 1896, p. 465.
Teliphasa nubilosa. Moore: l. c., p. 201.
———— S. and C.: Cat. Moths of India, v. 659. 4480 (1888).
Teliphasa orbiculifera. Moore: l. c.
———— Swinh. and Cotes: l. c., 4481.
Types (*nubilosa* and *orbiculifera*). Darjiling, in coll. Staudinger.
a. Sarawak, Borneo (type) (Wallace). b. India (2). c. Ceylon (2) (Thwaites).

GENUS **EPIPASCHIA.** Clem.: Proc. Nat. Sci. Phil., 1860, p. 14.
Calinipaxa. Walker: xxxiv. 1218 (1865).

3169. **Epipaschia validalis.**
Calinipaxa validalis. Walker: xxxiv. 1218.
Macalla validalis. Hampson: Faun. Brit. Ind. Moths, iv. p. 115 (1896).
———— Trans. Ent. Soc., Lond., 1896, p. 466.
Scopocera minor. Moore: Descr. Ind. Lep. Atk., p. 203 (1888).
———— S. and C.: Cat. Moths of India, v. 660. 4483 (1888).
Peucela fumosalis. Warren: Ann. Mag. N. H. (6), xvii. p. 461 (1896).
Type (*minor*). Darjiling, in coll. Staudinger.
Type (*fumosalis*). Khasia Hills, in coll. Rothschild.
a. Sarawak, Borneo (type) (Wallace).

GENUS **PARASARAMA.** Warren: Ann. Mag. N. H. (6), vi. p. 474 (1896).

3170. **Parasarama cuproviridalis.**
Locastra cuproviridalis. Moore: P. Z. S., Lond., 1867, p. 87.
———— S. and C.: Cat. Moths of India, v. 659. 4475 (1888).

Stericta cuproviridalis. Snellen: Trans. Ent. Soc., Lond., 1890, p. 563.
Parasarama cuproviridalis. Hampson: Ill. Typ. Lep. Het., B. M., viii. 33. 945 (1891).
———— Warren: l. c.
Macalla cuproviridalis. Hmn.: Faun. Brit. Ind. Moths, iv. p. 116 (1896).
———— Trans. Ent. Soc., Lond., 1896, p. 467.

Type. Darjiling, in coll. Staudinger.
a. India.

3171. **Parasarama philiasalis.**

Orthaga philiasalis. Walker: xxvii. 104 (1863).
Macalla philiasalis. Hampson: Trans. Ent. Soc., Lond., 1896, p. 467.

a. Sarawak, Borneo (type) (Wallace).

Closely allied to *cuproviridalis*, Moore, but differs in its complete and broader marginal brown border of hind-wings, and the brownish abdominal margin to that wing.

GENUS **MIMAGLOSSA.** Warren: Ann. Mag. N. H. (6), vii. p. 427 (1891).

3172. **Mimaglossa habitalis.**

Glossina habitalis. Guen.: Delt. et Pyral., p. 125 (1854).
———— Walker: xvii. 273 (1859).
Stericta habitalis. Led.: Wien. Ent. Mon., vii. p. 341 (1863).
Macalla habitalis. Hampson: Trans. Ent. Soc., Lond., 1896, p. 467.
Pyralis cereinalis. Walker: Trans. Ent. Soc., Lond. (3), i. p. 121 (1862).
———— xxxiv. 1226 (1865).
Mimaglossa revulsa. Warren: l. c., p. 428.

Type (*revulsa*). Tasmania, in B. M.
a. Tasmania (type *cereinalis*).

GENUS **LOCASTRA.** Walker: xvi. 158 (1858).

3173. **Locastra maimonalis.**

Locastra maimonalis. Walker: xvi. 159.
Locastra crassipennis. Hmn.: (part) Faun. Brit. Ind. Moths, iv. p. 119 (1896).
———— Trans. Ent. Soc., Lond., 1896, p. 470.

a. Sarawak, Borneo (type) (Wallace).

In the B. M. coll. this species is made a synonym of *L. crassipennis*, Wk. (Eurois?) xi. 558; *maimonalis* is, however, a very much larger insect with white unmarked hind-wings.

GENUS **STERICTA.** Led.: Wien. Ent. Mon., vii. p. 340 (1863).
Glossina. Guen.: Delt. et Pyral., p. 124 (1854) (præocc.).
Deuterolyta. Led.: l. c., p. 358.

3174. **Stericta divitalis.**

Glossina divitalis. Guen.: l. c., pl. 7, f. 4 ♀.
———— Walker: xvii. 273 (1859).

Stericta divitalis. Led.: l. c.
——————— Snellen: Tijd. voor Ent., xxvi. p. 121, pl. 6, f. 2 (1883).
——————— Moore: Lep. Ceylon, iii. p. 258 (1885).
——————— S. and C.: Cat. Moths of India, v. 658. 4473 (1888).
——————— Hmn.: Faun. Brit. Ind. Moths, iv. p. 120 (1896).
——————— Trans. Ent. Soc., Lond., 1896, p. 472.
Locastra phereciusalis. Walker: xvi. 159 ♀ (1858).
——————— Moore: P. Z. S., Lond., 1867, p. 86.

a. Sarawak, Borneo (type *phereciusalis*) (Wallace).

Genus **CANIPSA**. Walker: xxxiv. 1217 (1865).

3175. Canipsa suspensalis. Pl. VI. f. 25.

Canipsa suspensalis. Walker: xxxiv. 1217.
Stericta suspensalis. Hampson: Trans. Ent. Soc., Lond., 1896, p. 473.

a. Sarawak, Borneo (type) (Wallace).

Genus **LISTA**. Walker: xix. 877 (1859).

Craneophora. Christ.: Bull. Soc. Nat., Mosc., lvi. (i), p. 1 (1881).
Belenopholis. Butler: Ill. Typ. Lep. Het., B. M., vii. p. 89 (1890).

3176. Lista haraldusalis.

Locastra (?) *haraldusalis*. Walker: xvi. 160 (1858).
Stericta haraldusalis. Hmn.: Faun. Brit. Ind. Moths, iv. p. 121 (1896).
——————— Trans. Ent. Soc., Lond., 1896, p. 472.
Lista genisusalis. Walker: xix. 877.
Craneophora ficki. Christ.: l. c., p. 2.
——————— Meyrick: Trans. Ent. Soc., Lond., 1890, p. 474.
Scopocera variegata. Moore: Descr. Ind. Lep. Atk., p. 203, pl. 7, f. 4 (1888).
——————— S. and C.: Cat. Moths of India, v. 660. 4486 (1888).
Cerasphora variegata. Snellen: Trans. Ent. Soc., Lond., 1890, p. 569.
Belenopholis striata. Butler: Ill. Typ. Lep. Het., B. M., vii. p. 90, pl. 134. f. 3 (1889).

Type (*variegata*). Darjiling, in coll. Staudinger.
Type (*strigata*). Dharmsala, in B. M.

a. Sarawak, Borneo (type) (Wallace). b. Sarawak (type *genisusalis*) (Wallace).

Genus **ORTHAGA**. Walker: xvi. 191 (1858).

Balanotis. Meyrick: Trans. Ent. Soc., Lond., 1884, p. 69.

3177. Orthaga enadrusalis.

Orthaga enadrusalis (♀). Walker: xvi. 191; xxxiv. 1174 (1865).
——————— Moore: Lep. Ceylon, iii. p. 259, pl. 178, f. 2, 2 *a* ♂ ♀, 2 *b* larva (1885).
——————— S. and C.: Cat. Moths of India, v. 660. 4488 (1888).
——————— Snellen: Trans. Ent. Soc., Lond., 1890, p. 564.
——————— Hmn.: Faun. Brit. Ind. Moths, iv. p. 124 (1896).
——————— Trans. Ent. Soc., Lond., 1896, p. 476.

Orthaga acontialis. Walker: xxvii. 103 (1863).

Type (*acontialis*). Sarawak, in B. M.

a. Sarawak, Borneo (type ♀) (Wallace). b. Sarawak (2) (Wallace).

The male type from India (xxxiv. 1174) is in the B. M., but the real type of the Genus and species is in the O. M. as above shown from Sarawak.

3178. Orthaga didymalis.

Cardamyla didymalis. Walker: xvii. 283 (1859).
———— Rag.: Ann. Soc. Ent. Fr., 1891, p. 104.
Balanotis didymalis. Meyrick: Trans. Ent. Soc., Lond., 1884, pp. 69 and 281; 1887, p. 191; 1889, p. 504.
Orthaga didymalis. Hampson: Trans. Ent. Soc., Lond., 1896, p. 477.
Balanotis arctandalis. Lucas: Proc. Linn. Soc., N. S. W., 1889, p. 1098.

Type. Moreton Bay, in B. M.

a. E. Australia.

3179. Orthaga rudis.

Locastra rudis. Walker: Trans. Ent. Soc., Lond. (3), i. p. 115 (1862).
———— xxxiv. 1167 (1865).
———— S. and C.: Cat. Moths of India, v. 659. 4477 (1888).
———— Hmn.: Ill. Typ. Lep. Het., B. M., viii. 33. 946 (1891).
Orthaga rudis. Hampson: Faun. Brit. Ind. Moths, iv. p. 125 (1896).
———— Trans. Ent. Soc., Lond., 1896, p. 477.

a. India (type).

3180. Orthaga roseiplaga.

Orthaga roseiplaga. Hampson: Faun. Brit. Ind. Moths, iv. p. 124 (1896).
———— Trans. Ent. Soc., Lond., 1896, p. 477.

Type. Bombay, in B. M.

a. Indore (3) (Hearsay).

GENUS **EDITA.** Walker: xvi. 198 (1859).

3181. Edita icarusalis. Pl. VI. f. 21.

Edita icarusalis. Walker: xvi. 199.
Orthaga icarusalis. Hampson: Trans. Ent. Soc., Lond., 1896, p. 477.

a. Sarawak, Borneo (type) (Wallace).

GENUS **CATAMOLA.** Meyrick: Trans. Ent. Soc., Lond., 1884, p. 63.

3182. Catamola thyrisalis.

Bertula thyrisalis. Walker: xvi. 167 (1858).
Orthaga thyrisalis. Hampson: (part) Trans. Ent. Soc., Lond., 1896, p. 475.
Catamola thyridalis. Meyrick: l. c., p. 64.
Stericta thyridalis. Meyrick: l. c., 1887, p. 189.

Type. Sydney, in B. M.

a. New South Wales.

3183. Catamola nigricalis.

Pyralis nigricalis. Walker: Trans. Ent. Soc., Lond. (3), i. p. 120 (1862).
———— xxxiv. 1225 (1865).
Orthaga thyrisalis. Hmn.: (part) Trans. Ent. Soc., Lond., 1896, p. 475.

a. Tasmania (type).

FAMILY **CHRYSAUGIDÆ.**

GENUS **MACNA.** Walker: xvi. 78 (1858).
Rhabana. Walker: xxxiv. 1517 (1865).
Goossensia. Rag.: Ann. Soc. Ent. Fr., 1891, p. 97.

3184. Macna pomalis.

Macna pomalis. Walker: xvi. 78.
———— C. and S.: Cat. Moths of India, iii. 432. 2829 (1888).
———— Hampson: Faun. Brit. Ind. Moths, iv. p. 129 (1896).
———— P. Z. S., Lond., 1897, p. 643.
Goossensia prasinalis. Rag.: l. c., p. 98.
———— Mon. Phyc. and Gall., pl. Gall., f. 4; pl. 3, f. 6 (ined.).

a. Singapore (type) (Wallace).

GENUS **CURICTA.** Walker: xxxiv. 1129 (1865).

3185. Curicta oppositalis.

Curicta oppositalis. Walker: xxxiv. 1130 ♀.
———— Hampson: P. Z. S., Lond., 1897, p. 683.
Curicta (?) *xanthochloralis.* Walker: xxxiv. 1130 ♂.
Goossensia cinnamomealis. Snellen: Tijd. voor Ent., xxxvii. p. 74, pl. 3, f. 5, 6 (1894).

a. Aru (type) (Wallace). b. New Guinea (type *xanthochloralis*) (Wallace). c. New Guinea (Wallace).

FAMILY **ENDOTRICHIDÆ.**

GENUS **ENDOTRICHA.** Zeller: Isis, 1847, p. 593.
Doththa. Walker: xvii. 285 (1859).
Messatis. Walker: xix. 918 (1859).
Pacoria. Walker: xxxiv. 1255 (1865).
Tricomia. Walker: xxxiv. 1259.
Rhisina. Walker: xxxiv. 1324.

3186. Endotricha ibycusalis.

Pyralis ibycusalis. Walker: xix. 899.

Pyralis ibycusalis. S. and C.: Cat. Moths of India, v. 655. 4448 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 291.
Endotricha ibycusalis. Rag.: Ann. Soc. Ent. Fr., 1891, p. 234.
Endotricha symphonialis. Hmn.: Ill. Typ. Lep. Het., B. M., ix. p. 161, pl. 171, f. 17 (1893).
Endotricha ruminalis. Hmn.: (part) Faun. Brit. Ind. Moths, iv. p. 135 (1896).
———— Trans. Ent. Soc., Lond., 1896, p. 484.

Type (*symphonialis*). Ceylon, in B. M.
a. India (type).

3187. Endotricha mesenterialis.

Doththa mesenterialis (♂). Walker: xvii. 285 (1859).
———— xix. 920 (1859).
———— Moore: Lep. Ceylon, iii. p. 265, pl. 178, f. 8 (1885).
———— S. and C.: Cat. Moths of India, v. 661. 4493 (1888).
———— Hampson: Ill. Typ. Lep. Het., B. M., viii. 34. 970 (1891).
Endotricha mesenterialis. Rag.: Ann. Soc. Ent. Fr., 1891, p. 90.
———— Hmn.: Faun. Brit. Ind. Moths, iv. p. 133 (1896).
———— Trans. Ent. Soc., Lond., 1896, p. 483.
Endotricha suffusalis (♀). Walker: xvii. 390.
———— Rag.: l. c., 1890, p. 525.
Doththa suffusalis. Moore: l. c., p. 266.
———— Swinh. and Cotes: l. c., 4495.
Endotricha flavifimbrialis. Warren: Ann. Mag. N. H. (6), viii. p. 69 (1891).
———— Hampson: Ill. Typ. Lep. Het., B. M., ix. p. 160, pl. 172, f. 3 (1893).
Endotricha eoidalis. Snellen: Tijd. voor Ent., xxxviii. p. 10, pl. 5, f. 2, 3 (1895).

Type. Sarawak, Borneo, in B. M.
Type (*suffusalis*). Ceylon, in B. M.
Type (*flavifimbrialis*). Bombay, in B. M.
a. Sarawak (2) (Wallace). b. New Holland (Hewitson).

3188. Endotricha docilisalis.

Pyralis docilisalis. Walker: xix. 913 (1859).
Endotricha docilisalis. Hampson: Trans. Ent. Soc., Lond., 1896, p. 483.
Endotricha æthopa. Meyrick: Trans. Ent. Soc., Lond., 1884, p. 79.
———— Rag.: Ann. Soc. Ent. Fr., 1890, p. 524; 1891, p. 621.

Type. Sydney, in B. M.
Type (*æthopa*). Sydney, in coll. Meyrick.
a. New South Wales (3). b. Queensland (2).

3189. Endotricha drancesalis. Pl. VII. f. 18.

Hydrocampa drancesalis. Walker: xix. 961 (1859).
Endotricha drancesalis. Hampson: Trans. Ent. Soc., Lond., 1896, p. 485.

a. Sarawak, Borneo (type) (Wallace).
The type specimen is in very bad condition.

GENUS **ENDOTRICHOPSIS.** Warren: Ann. Mag. N. H. (6), xvi. p. 467 (1895).

3190. Endotrichopsis portialis.

Endotricha portialis. Walker: xvii. 391 (1859).

Endotricha portialis. Hampson: Trans. Ent. Soc., Lond., 1896, p. 483.
Doththa æacusalis. Walker: xix. 921 (1859).
Endotricha acrobasalis. Snellen: Tijd. voor Ent., xxxvi. p. 155, pl. 10, f. 1 (1893).
Endotrichopsis rhodopteralis. Warren: l. c.

Type. Borneo, in B. M.
Type (*rhodopteralis*). Japan, in coll. Rothschild.
a. Sarawak, Borneo (type *æacusalis*) (Wallace).

GENUS **DIPLOPSEUSTIS.** Meyrick: Trans. Ent. Soc., Lond., 1884, p. 284.

3191. Diplopseustis perieresalis.

Ambia (?) *perieresalis.* Walker: xix. 958 (1859).
Diplopseustis perieresalis. Hmn.: (part) Trans. Ent. Soc., Lond., 1896, p. 489.
Cymoriza minima. Butler: P. Z. S., Lond., 1880, p. 684.
Diplopseustis minima. Meyrick: l. c., p. 285; 1886, p. 214.
——————— Trans. N. Zeal. Inst., 1887, p. 62.
Diploseustis minima. Rag.: Ann. Soc. Ent. Fr., 1890, p. 520.

Type (*minima*). Formosa, in B. M.
a. Sarawak, Borneo (type) (Wallace).

GENUS **ŒNOGENES.** Meyrick: Trans. Ent. Soc., Lond., 1884, p. 75.

3192. Œnogenes fugalis.

Botys fugalis. Felder: Reise Nov. Lep., pl. 134, f. 37 (1874).
Œnogenes fugalis. Meyrick: l. c.
——————— Rag.: Ann. Soc. Ent. Fr., 1890, p. 518.
——————— Hampson: Trans. Ent. Soc., Lond., 1896, p. 497.

Type. Australia, in coll. Rothschild.
a. Van Diemen's Land.

GENUS **COTACHENA.** Moore: Lep. Ceylon, iii. p. 275 (1885).
Mesothyris. Warren: Ann. Mag. N. H. (6), ix. p. 300 (1892).

3193. Cotachena histricalis.

Botys histricalis. Walker: xviii. 655 (1859).
Cotachena histricalis. Moore: l. c., p. 276.
——————— S. and C.: Cat. Moths of India, v. 642. 4355 (1888).
——————— Rag.: Trans. Ent. Soc. Fr., 1891, p. 62.
——————— Hampson: Ill. Typ. Lep. Het., B. M., viii. 35. 989 (1891); ix. 44. 1153 (1893).
——————— Faun. Brit. Ind. Moths, iv. p. 142 (1896).
——————— Trans. Ent. Soc., Lond., 1896, p. 498.
Stenophyes histricalis. Snellen: Trans. Ent. Soc., Lond., 1890, p. 600.
Archernis pubescens. Warren: l. c.

Type. Ceylon, in B. M.
Type (*pubescens*). N. India, in B. M.
a. Ceylon (Thwaites). b. Cherra Punji.

Family **PYRALIDÆ.**

Genus **VITESSA.** Moore: Cat. Lep. E. I. C., ii. p. 299 (1859).

3194. Vitessa suradeva.

Vitessa suradeva. Moore: l. c., pl. 7 *a*, f. 7.
———— Led.: Wien. Ent. Mon., vii. p. 335, pl. 6, f. 6 (1863).
———— Walker: xxxi. p. 219 (1864).
———— Moore: Journ. Linn. Soc., Zool., xxi. p. 58 (1886).
———— S. and C.: Cat. Moths of India, v. 664. 4516 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 292.
———— Snellen: Trans. Ent. Soc., Lond., 1890, p. 560.
———— Rag.: Ann. Soc. Ent. Fr., 1891, p. 110.
———— Hampson: Faun. Brit. Ind. Moths, iv. p. 146 (1896).
———— Trans. Ent. Soc., Lond., 1896, p. 503.
Vitessa formosa. Felder: Reise Nov. Lep., pl. 137, f. 1 ♂ (1874).
———— Swinh. and Cotes: l. c., 4514.

Type. India, in B. M.
Type (*formosa*). India, in coll. Rothschild.
a. India (2) (Ashmol. Mus.). b. Assam (Jenkins). c. Silhet (3).

3195. Vitessa rama.

Vitessa rama. Moore: Lep. Ceylon, iii. p. 256, pl. 178, f. 4 ♂ (1885).
———— S. and C.: Cat. Moths of India, v. 664. 4515 (1888).
———— Rag.: Ann. Soc. Ent. Fr., 1891, p. 110.

Type. Ceylon, in B. M.
a. Ceylon (2) (Thwaites).

3196. Vitessa pyraliata.

Vitessa pyraliata. Walker: xxxi. 220 (1864).
———— Rag.: Ann. Soc. Ent. Fr., 1891, p. 110.
———— Hampson: Trans. Ent. Soc., Lond., 1896, p. 503.

Type. Celebes, in B. M.
a. Makian, Celebes (2) (Wallace).

In Ann. Soc. Ent. France, 1891, p. 646, M. Ragonot has mistakenly entered this species as an Agaristid of the genus *Philænoides*: Walker described two insects, one as *Vitessa pyraliata* as above, a true Vitessa, and the other *Vitessa pyraliformis*, an Agaristid referred to in my vol. i. p. 159, No. 733.

3197. Vitessa zemire.

Phalæna zemire. Cram.: Pap. Exot., iv. p. 149, pl. 367, f. 1 (1782).
Cosmethis zemire. Hübn.: Verz., p. 179 (1816).
Vitessa zemire. Led.: Wien. Ent. Mon., vii. p. 335, pl. 6, f. 8 (1863).
———— Walker: xxxi. 220 (1864).
———— Rag.: Ann. Soc. Ent. Fr., 1891, p. 110.
Vitessa zalmira. Hampson: Trans. Ent. Soc., Lond., 1896, p. 503.
Vitessa pyraliaris. Walker: MS.

a. Amboina (Wallace).

3198. Vitessa hemiallactis.

Vitessa hemiallactis. Meyrick: Trans. Ent. Soc., Lond., 1887, p. 193.

Vitessa hemiallactis. Rag.: Ann. Soc. Ent. Fr., 1891, p. 110.
——————— Hampson: Trans. Ent. Soc., Lond., 1896, p. 503.
Vitessa pyraliata. Meyrick (nec Walker): Trans. Ent. Soc., Lond., 1886, p. 213.

Type. N. Guinea, in B. M.
a. Waigu.

3199. Vitessa hieratica. nov. Pl. VI. f. 22.

♂ Base of antennæ, palpi, head, and collar luteous, antennæ and third joint of palpi black; abdomen black, with an ochreous anal tuft, and white segmental bands; thorax ochreous and white with black spots; wings blackish brown; fore-wings with four white bands: 1st basal, 2nd ante-medial (both tinged with yellow), 3rd medial, 2nd and 3rd with large dentations outwards, 4th in the shape of an irregular, large discal spot, touching neither costal nor hinder margins; beyond this spot there are white streaks between the veins; hind-wings with the costa near the base and a large space on the anal margin white; a very well-marked species.

a. Sarawak, Borneo (type) (Wallace).

GENUS **HYPSOPYGIA.** Hübn.: Verz., p. 348 (1816).

3200. Hypsopygia mauritialis.

Asopia mauritialis. Boisd.: Faun. Ent. Mad., p. 119, pl. 16, f. 8 (1834).
——————— Led.: Wien. Ent. Mon., vii. p. 343 (1863).
——————— Snellen: Tijd. voor Ent., xxvi. p. 122, pl. 6, f. 5 (1883).
Pyralis mauritialis. Guen.: Delt. et Pyral., 118. 5 (1854).
——————— Walker: xvii. 267 (1859).
Hypsopygia mauritialis. Rag.: Ann. Soc. Ent. Fr., 1891, p. 27.
——————— Hmn.: Faun. Brit. Ind. Moths, iv. p. 148 (1896).
——————— Trans. Ent. Soc., Lond., 1896, p. 507.
Pyralis lucillalis. Walker: xvii. 268.
——————— Moore: P. Z. S., Lond., 1867, p. 89.
——————— Butler: P. Z. S., Lond., 1883, p. 167.
——————— Swinhoe: P. Z. S., Lond., 1885, p. 864; 1886, p. 457.
——————— S. and C.: Cat. Moths of India, v. 656. 4454 (1888).
Herculia lucillalis. Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 291.
Hypsopygia lucillalis. Rag.: l. c.

Type (*lucillalis*). Shanghai, in B. M.
a. N. China. b. Bombay (2). c. Indore (Hearsay).

GENUS **PYRALIS.** Linn. Syst. Nat., xii. p. 881 (1769).
Asopia. Treit.: Schm. Eur., vii. (2), p. 316 (1828).
Sacatia. Walker: xxvii. 123 (1863).
Eutrichodes. Warren: Ann. Mag. N. H. (6), vii. p. 498 (1891).
Therapne. Rag.: Ann. Soc. Ent. Fr., 1891, p. 93.

3201. Pyralis proximalis.

Pyralis proximalis. Walker: Trans. Ent. Soc., Lond. (3), i. p. 120 (1862).

Pyralis proximalis. Walker: xxxiv. 1225 (1865).
———— S. and C.: Cat. Moths of India, v. 657. 4460 (1888).
Pyralis pictalis. Hmn.: (part) Faun. Brit. Ind. Moths, iv. p. 150 (1896).
———— Trans. Ent. Soc., Lond., 1896, p. 508.

a. India (type).

Like *P. pictalis*, Linn., but with white unmarked hind-wings.

3202. Piralis pictalis.

Asopia pictalis. Curt.: Brit. Ent., xi. pl. 527 (1834).
———— Herr. Schäff.: Eur. Schm., iv. 121. 15 (1849).
———— Led.: Wien. Ent. Mon., vii. p. 343 (1863).
———— Snellen: Tijd. voor Ent., xxvi. p. 123 (1883).
Pyralis pictalis. Steph.: Ill. Brit. Ent. Haust., iv. p. 395 (1834).
———— Guen.: Delt. et Pyral., 120. 9 (1854).
———— Walker: xvii. 267 (1859).
———— S. and C.: Cat. Moths of India, v. 657. 4458 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 291.
———— Rag.: Ann. Soc. Ent. Fr., Sept. 1891, p. 38.
———— Meyrick: Trans. Ent. Soc., Lond., 1894, p. 12.
———— Hampson: Faun. Brit. Ind. Moths, iv. p. 150 (1896).
———— Trans. Ent. Soc., Lond., 1896, p. 508.
Pyralis pronœalis. Walker: xix. 906 (1859).
———— Rag.: l. c., pp. 37, 43.
Asopia pronœalis. Led.: l. c., pp. 343, 458.
———— Snellen: l. c.
Myelois bractiatella. Walker: xxvii. 36 (1863).
Pyralis bractiatella. Moore: Lep. Ceylon, iii. p. 262, pl. 178, f. 5 ♀ (1885).
———— Warren: P. Z. S., Lond., 1888, p. 332.
———— S. and C.: l. c., 654. 4443.
Pyralis suggeralis. Walker: xxxiv. 1237 (1865).
Pyralis elachia. Butler: Ill. Typ. Lep. Het., B. M., iii. p. 70, pl. 58, f. 3 (1879).
———— P. Z. S., Lond., 1883, p. 166; 1886, p. 383.
———— S. and C.: l. c., 4444.

Type (*bractiatella*). Ceylon, in B. M.
Type (*elachia*). Yokohama, in B. M.

a. Sarawak, Borneo (type *pronœalis*) (Wallace). b. Sarawak (type *suggeralis*) (Wallace).

3203. Pyralis manihotalis.

Pyralis manihotalis. Guen.: Delt. et Pyral., 121. 11 (1854).
———— Walker: xvii. 266 (1859).
———— Hmn.: Ill. Typ. Lep. Het., B. M., viii. 34. 959 (1891); ix. 43. 1121 (1893).
———— Rag.: Ann. Soc. Ent. Fr., 1891, p. 630.
———— Meyrick: Trans. Ent. Soc., Lond., 1894, p. 476.
———— Hmn.: Faun. Brit. Ind. Moths, iv. p. 151 (1896).
———— Trans. Ent. Soc., Lond., 1896, p. 509.
Asopia manihotalis. Led.: Wien. Ent. Mon., vii. p. 343 (1863).
Pyralis vetusalis. Walker: xix. 891 (1859).
———— Rag.: l. c., p. 44.
Asopia vetusalis. Led.: l. c.

Pyralis gerontesalis. Walker: xix. 896.
———— Swinhoe: P. Z. S., Lond., 1884, p. 523; 1885, p. 864.
———— Moore: Lep. Ceylon, iii. p. 263, pl. 178, f. 6 (1885).
———— S. and C.: Cat. Moths of India, v. 655. 4447 (1888).
Asopia gerontesalis. Snellen: Tijd. voor Ent., xxvi. p. 123 (1883).
———— Trans. Ent. Soc., Lond., 1890, p. 565.
Asopia gerontialis. Led.: l. c.
———— Meyrick: l. c., 1884, p. 282; 1887, p. 193.
Sacatia laudatella. Walker: xxvii. 124 (1863).
Pyralis despectalis. Walker: xxxiv. 1243 (1865).
Pyralis (?) *miseralis.* Walker: l. c., 1244.
Pyralis achatina. Butler: Ent. Mo. Mag., xiv. p. 49 (1877).

Type (*vetusalis*). St. Domingo, in B. M.
Types (*gerontesalis* and *laudatella*). Ceylon, in B. M.
Types (*despectalis* and *miseralis*). Moreton Bay, in B. M.
Type (*achatina*). Sandwich Islands, in B. M.
a. India (Hearsay).

3204. Pyralis œncœalis.

Pyralis œncœalis. Walker: xix. 907 (1859).
Pyralis ravolalis. Hmn.: (part) Trans. Ent. Soc., Lond., 1896, p. 509.
a. Sarawak, Borneo (type) (Wallace).

GENUS **PEUCELA.** Rag.: Ann. Soc. Ent. Fr., Sept. 1891, p. 47.

3205. Peucela faviusalis.

Pyralis faviusalis (♂). Walker: xix. 907 (1859).
Tegulifera faviusalis. Hmn.: Faun. Brit. Ind. Moths, iv. p. 152 (1896).
———— Trans. Ent. Soc., Lond., 1896, p. 511.
Pyralis drapesalis (♀). Walker: xix. 909.
Pyralis nonusalis (♀). Walker: xix. 909.
Pyralis platymitris. Butler: P. Z. S., Lond., 1883, p. 166.
———— S. and C.: Cat. Moths of India, v. 657. 4459 (1888).
———— Hmn.: Ill. Typ. Lep. Het., B. M., viii. 34. 960 (1891).
Asopia platymitris. Snellen: Trans. Ent. Soc., Lond., 1890, p. 565.
Hypospygia platymitris. Rag.: l. c., 1891, p. 27.
Peucela platymitris. Rag.: l. c., p. 634.
Pyralis pallivittata. Moore: Descr. Ind. Lep. Atk., p. 206 (1888).
———— Swinh. and Cotes: l. c., 656. 4456.
Peucela pallivittata. Rag.: l. c., p. 47.

Type (*platymitris*). Solon, Simla, in B. M.
Type (*pallivittata*). Darjiling, in coll. Staudinger.
a. Sarawak, Borneo (type) (Wallace). b. Sarawak (type *drapesalis*) (Wallace). c. Sarawak (type *nonusalis*) (Wallace). d. Nilgiri Hills (Cardew).

The type of nonusalis is much rubbed, but all the markings of the species can be traced.

GENUS **HYPANCHYLA.** Warren: Ann. Mag. N. H. (6), vii. p. 498 (1891).

3206. Hypanchyla maricalis.

Pyralis maricalis. Walker: xix. 910 (1859).
Hypanchyla maricalis. Warren: l. c.
———— Rag.: Ann. Soc. Ent. Fr., Sept. 1891, p. 645.
———— Hampson: Trans. Ent. Soc., Lond., 1896, p. 510.
Pyralis (?) *lebonalis.* Walker: xix. 910.

Type. Sarawak, Borneo, in B. M.

a. Sarawak (type *lebonalis*) (Wallace). b. Sarawak (3) (Wallace).

3207. Hypanchyla devialis. Pl. VII. f. 8.

Pyralis devialis. Walker: xxxiv. 1239 (1865).
Hypanchyla devialis. Hampson: Trans. Ent. Soc., Lond., 1896, p. 510.

a. Sarawak, Borneo (type) (Wallace).

GENUS **CARDAMYLA.** Walker: xvii. 282 (1859).

3208. Cardamyla carinentalis.

Cardamyla carinentalis. Walker: xvii. 282.
———— Led.: Wien. Ent. Mon., vii. p. 45, pl. 6, f. 9; pl. 3, f. 27 (1863).
———— Rag.: Ann. Soc. Ent. Fr., 1891, p. 104.
———— Hmn.: Trans. Ent. Soc., Lond., 1896, p. 513.
Balanotis carinentalis. Meyrick: Trans. Ent. Soc., Lond., 1887, p. 191.

Type. Australia, in B. M.

a. New South Wales (2).

GENUS **HERCULIA.** Walker: xix. 807 (1859).
Cisse. Walker: xxvii. 125 (1863).
Buzala. Walker: xxvii. 129.
Ocrasa. Walker: xxxiv. 1212 (1865).
Lixa. Walker: xxxiv. 1254.
Bejuda. Walker: xxxiv. 1273.
Pseudasopia. Grote: Bull. Buff. Soc., 1873, p. 172.
Orthopygia. Rag.: Ann. Soc. Ent. Fr., 1891, p. 29.
Dolichomia. Rag.: l. c., p. 30.
Trichauctenia. Warren: Ann. Mag. N. H. (6), ix. p. 173 (1891).

3209. Herculia marthalis.

Pyralis marthalis. Walker: xvii. 270 (1859).
Herculia marthalis. Rag.: l. c., p. 629.
———— Hmn.: Faun. Brit. Ind. Moths, iv. p. 161 (1896).
———— Trans. Ent. Soc., Lond., 1896, p. 520.
Herculia bractealis. Walker: xix. 808.

Herculia bractealis. Moore: P. Z. S., Lond., 1867, p. 89.
———— Lep. Ceylon, iii. p. 261 (1885).
———— S. and C.; Cat. Moths of India, v. 664. 4512 (1888).
———— Rag.: l. c.
———— Hmn.: Ill. Typ. Lep. Het., B. M., viii. 34. 966 (1891); ix. p. 160, pl. 172, f. 2 (1893).

Type. Sarawak, Borneo, in B. M.
Type (*bractealis*). Ceylon, in B. M.
a. Sarawak (Wallace). b. Kelelonde, Celebes (Sydney Hickson).
c. Gangam (Minchin).

Bractealis is the type of *Herculia* and not *ochreicilia*, as stated by Hampson in error at p. 520 of Trans. Ent. Soc., Lond., 1896.

3210. Herculia productalis. Pl. VI. f. 24.

Lixa productalis. Walker: xxxiv. 1254 (1865).
Herculia productalis. Hmn.: Trans. Ent. Soc., Lond., 1896, p. 520.

a. Sarawak, Borneo (type) (Wallace).

3211. Herculia suffusalis.

Pyralis suffusalis. Walker: xxxiv. 1235 (1865).
———— Moore: P. Z. S., Lond., 1867, p. 89.
———— Swinhoe: P. Z. S., Lond., 1885, p. 864.
———— S. and C.: Cat. Moths of India, v. 658. 4466 (1888).
Herculia suffusalis. Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 221.
———— Rag.: Ann. Soc. Ent. Fr., Sept., 1891, p. 629.
———— Hmn.: Faun. Brit. Ind. Moths, iv. p. 162 (1896).
———— Trans. Ent. Soc., Lond., 1896, p. 520.

Type. India, in B. M.
a. India (2).

3212. Herculia bistonalis.

Botys bistonalis. Walker: xix. 1002 (1859).
Herculia bistonalis. Hampson: Trans. Ent. Soc., Lond., 1896, p. 520.

a. Sarawak, Borneo (type) (Wallace).

3213. Herculia nigrivitta.

Cisse nigrivitta. Walker: xxvii. 125 (1863).
Herculia nigrivitta. Hampson: Faun. Brit. Ind. Moths, iv. p. 160 (1896).
———— Trans. Ent. Soc., Lond., 1896, p. 518.
Buzala fuscicosta. Walker: xxvii. 130.
Bejuda costigeralis. Walker: xxxiv. 1273 (1865).
Asopia fuscicostalis. Snellen: Tijd. voor Ent., 1880, p. 199; 1883, p. 122, pl. 6, f. 4.
———— Meyrick: Trans. Ent. Soc., Lond., 1886, p. 213.
Dolichomia fuscicostalis. Rag.: Ann. Soc. Ent. Fr., 1891, p. 32.
Pyralis fuscicostalis. Meyrick: l. c., 1894, p. 476.

Type. Sarawak, Borneo, in B. M.
Type (*fuscicosta*). Sarawak, in B. M.
a. Sarawak (type *costigeralis*) (Wallace).

Genus **SACADA.** Walker: Journ. Linn. Soc., Lond., vi. p. 136 (1862).
Sybrida. Walker: xxxii. 465 (1865).
Paravetta. Moore: P. Z. S., Lond., 1865, p. 814.
Datanoides. Butler: Ent. Mo. Mag., xiv. p. 206 (1877).
Xestula. Snellen: Rom. Mem., ii. p. 195 (1885).

3214. Sacada decora. Pl. VI. f. 15.

Sacada decora. Walker: Journ. Linn. Soc., Lond., vi. p. 136 (1862).
———— xxxii. 443 (1865).
———— Hampson: Trans. Ent. Soc., Lond., 1896, p. 529.

a. Sarawak, Borneo (type) (Wallace).

3215. Sacada inordinata.

Sybrida inordinata. Walker: xxxii. 466 (1865).
———— Moore: P. Z. S., Lond., 1867, p. 683.
———— Butler: Ill. Typ. Lep. Het., B. M., vi. p. 28, pl. 107, f. 8 (1886).
———— C. and S.: Cat. Moths of India, ii. 168. 1114 (1887).
———— Snellen: Trans. Ent. Soc., Lond., 1890, p. 559 ♀.
———— Rag.: Ann. Soc. Ent. Fr., 1891, p. 73.
Sacada inordinata. Hampson: Faun. Brit. Ind. Moths, iv. p. 169 (1896).
———— Trans. Ent. Soc., Lond., 1896, p. 529.
Datanoides approximans. Leech: P. Z. S., Lond., 1888, p. 636, pl. 32, f. 4.

Type. Darjiling, in B. M.
Type (*approximans*). Yokohama, in coll. Leech.
a. India.

3216. Sacada discinota.

Paravetta discinota. Moore: P. Z. S., Lond., 1865, p. 814, pl. 43, f. 3.
———— C. and S.: Cat. Moths of India, ii. 173. 1158 (1887).
———— Snellen: Trans. Ent. Soc., Lond., 1890, p. 557.
Sybrida discinota. Rag.: Ann. Soc. Ent. Fr., 1891, p. 73.
Sacada discinota. Hampson: Faun. Brit. Ind. Moths, iv. p. 170 (1896).
———— Trans. Ent. Soc., Lond., 1896, p. 529.

Type. Darjiling, in B. M.
a. India.

Genus **BOSTRA.** Walker: xxvii. 123 (1863).
Phasga. Walker: xxvii. 127.
Arippara. Walker: Journ. Linn. Soc., Lond., vii. p. 74 (1864).
Scotomera. Butler: P. Z. S., Lond., 1881, p. 622.
Paredra. Snellen: Midd.-Sum., iv. (1), 8, p. 60 (1892).

3217. Bostra indicator.

Arippara indicator. Walker: l. c.
———— xxxiii. 850 (1865).

a. Sarawak, Borneo (type) (Wallace). b. Sarawak (Wallace).

GENUS **LORYMA.** Walker: xix. 890 (1859).
Beria. Walker: Journ. Linn. Soc., Lond., vii. p. 61 (1864).
Tauba. Walker: xxxv. 1766 (1866).
Ulotrichodes. Rag.: Ann. Soc. Ent. Fr., 1891, p. 58.

3218. Loryma recusata.

Beria recusata. Walker: Journ. Linn. Soc., Lond., vii. p. 62.
———— xxxiii. 796 (1865).
Loryma recusata. Hampson: Faun. Brit. Ind. Moths, iv. p. 183 (1896).
———— Trans. Ent. Soc., Lond., 1896, p. 542.
Tauba venosella. Walker: xxxv. 1767.
———— S. and C.: Cat. Moths of India, v. 690. 4704 (1888).
Loryma venosella. Moore: Lep. Ceylon, iii. p. 377 (1886).

Type (*venosella*). Ceylon, in B. M.
a. Sarawak, Borneo (type) (Wallace).

GENUS **DATTINIA.** Rag.: Bull. Soc. Ent. Fr., 1887, p. 137.

3219. Dattinia ingrata.

Stemmatophora ingrata. Butler: P. Z. S., Lond., 1881, p. 621.
———— S. and C.: Cat. Moths of India, v. 663. 4506 (1888).
Dattinia ingrata. Rag.: Ann. Soc. Ent. Fr., 1891, p. 59.
Hypotia proximalis. Christ.: Hor. Ent. Ross., xvii. p. 116 (1882).
———— Rom. Mem., iii. p. 16, pl. 1, f. 7 (1887).
———— Meyrick: Trans. Ent. Soc., Lond., 1890, p. 473.
Dattinia proximalis. Rag.: l. c.
Constantia proximalis. Hmn.: Faun. Brit. Ind. Moths, iv. p. 185 (1896).
———— Trans. Ent. Soc., Lond., 1896, p. 543.
Hypotia rubella. Swinhoe: P. Z. S., Lond., 1884, p. 523, pl. 48, f. 9.
———— Swinh. and Cotes: l. c., 665. 4520.

Type. Karachi, in B. M.
Type (*rubella*). Karachi, in B. M.
a. Ceram (Wallace).

GENUS **TYNDIS.** Rag.: Ann. Soc. Ent. Fr., 1891, p. 83.
Actenioides. Warren: Ann. Mag. N. H. (6), ix. p. 173 (1892).

3220. Tyndis plana.

Anthophila (?) *plana.* Walker: Trans. Ent. Soc., Lond. (3), i. p. 92 (1862).
———— xxxiii. 801 (1865).
Tyndis plana. Hmn.: Faun. Brit. Ind. Moths, iv. p. 186 (1896).
———— Trans. Ent. Soc., Lond., 1896, p. 548.
Hypotia allalis. Swinhoe: P. Z. S., Lond., 1886, p. 462, pl. 41, f. 2.
———— S. and C.: Cat. Moths of India, v. 665. 4519 (1888).
Tyndis allalis. Rag.: l. c., p. 84.
Anthophila zamia. Swinhoe: l. c., 1884, p. 518, pl. 47, f. 12.
———— C. and S.: l. c., iii. 294. 1889 (1888).

Type (*allalis*). Mhow, in B. M.
Type (*zamia*). Karachi, in B. M.
a. India (type).

Family **NYMPHULIDÆ.**

Genus **MIXOPHYLA.** Meyrick: Trans. Ent. Soc., Lond., 1887, p. 269.

Angonia. Snellen: Tijd. voor Ent., xxxvi. p. 54 (1893).

3221. Mixophyla renatusalis.

Zebronia renatusalis. Walker: xvii. 484 (1859).
Mixophila renatusalis. Hmn.: Faun. Brit. Ind. Moths, iv. p. 190 (1896).
——————— Trans. Ent. Soc., Lond., 1897, p. 135.
Mixophila renatalis. Meyrick: l. c., 1894, p. 470.
Crambus ermineus. Moore: Lep. Ceylon, iii. p. 380, pl. 184, f. 7 (1886).
Mixophyla erminea. Meyrick: l. c., 1887, p. 269; 1894, p. 11.
——————— S. and C.: Cat. Moths of India, vi. Add., 777. 4438 *a* (1889).
Angonia crambidalis. Snellen: l. c., p. 56, pl. 3, f. 1.

Type (*ermineus*). Ceylon, in B. M.
a. Sarawak, Borneo (type) (Wallace).

Genus **ARXAMA.** Walker: xxxiv. 1183 (1865).

3222. Arxama subcervinalis. Pl. VI. f. 11.

Arxama subcervinalis. Walker: xxxiv. 1184.
——————— Hmn.: Trans. Ent. Soc., Lond., 1897, p. 138.

a. Ceram (type) (Wallace).

Genus **DRACÆNURA.** Meyrick: Trans. Ent. Soc., Lond., 1886, p. 227.

3223. Dracænura stenosoma.

Platamonia stenosoma. Felder: Reise Nov. Lep., pl. 134, f. 16 (1874).
Dracænura stenosoma. Meyrick: l. c.
——————— Hampson: Trans. Ent. Soc., Lond., 1897, p. 193.

Type. Fiji, in coll. Rothschild.
a. Fiji (3) (Damell).

Genus **NYMPHULA.** Schrank: Fauna Boic., ii. (2), p. 162 (1802).
Parapoynx. Hübn.: Verz., p. 362 (1816).
Hydrocampa. Latr.: Fam. Nat., p. 478 (1825).
Synclita. Led.: Wien. Ent. Mon., vii. p. 448 (1863).
Nymphæella. Grote: N. Am. Ent., i. p. 97 (1880).
Hygraula. Meyrick: Trans. N. Zeal. Inst., xvii. p. 129 (1885).
Hydreuretis. Meyrick: Trans. Ent. Soc., Lond., 1885, p. 435.
Metœca. Warren: Ann. Mag. N. H. (6), xvii. p. 145 (1896).

3224. Nymphula responsalis.

Diasemia responsalis (♀). Walker: xxxiv. 1326 (1865).

Parapoynx responsalis. Meyrick: l. c., 1887, p. 207.
Hydrocampa responsalis. Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 288.
Nymphula responsalis. Hmn.: Ill. Typ. Lep. Het., B. M., ix. 51. 1353 (1893).
———— Meyrick: l. c., 1894, p. 470.
———— Hampson: Faun. Brit. Ind. Moths, iv. p. 192 (1896).
———— Trans. Ent. Soc., Lond., 1897, p. 141.
Parapoynx turbata. Butler: Trans. Ent. Soc., Lond., 1881, p. 586.
Nymphula turbata. Meyrick: l. c., 1894, pp. 10 and 470.
Parapoynx marmorea. Meyrick: l. c., 1885, p. 434.
Isopteryx enixalis (?). Swinhoe: P. Z. S., Lond., 1885, p. 869.
———— S. and C.: Cat. Moths of India, v. 653. 4433 (1888).
Cymoriza linealis ♂. Moore: Descr. Ind. Lep. Atk., p. 210 (1888).
———— Swinhoe and Cotes: l. c., 698. 4392.

Type. Moreton Bay, in B. M.
Type (*turbata*). Yokohama, in B. M.
Type (*marmorea*). Australia, in B. M.
Type (*enixalis*). Bombay, in B. M.
Type (*linealis*). Calcutta, in coll. Staudinger.
a. Bombay (4). b. India (2) (Hearsay).

3225. Nymphula fœdalis.

Ispoteryx fœdalis. Guen.: Delt. et Pyral., 228. 195., pl. 4, f. 7 (1854).
———— Walker: xvii. 402 (1859).
———— Led.: Wien. Ent. Mon., vii. p. 449 (1863).
———— Snellen: Tijd. voor Ent., xv. p. 96 (1872); xxvii. p. 47, (1884).
———— Moore: Lep. Ceylon, iii. p. 306 (1886).
———— S. and C.: Cat. Moths of India, v. 653. 4434 (1888).
Pterygisus fœdalis. Meyrick: Trans. Ent. Soc., Lond., 1887, p. 229; 1894, p. 470.
Nymphula fœdalis. Hampson: Faun. Brit. Ind. Moths, iv. p. 192 (1896).
———— Trans. Ent. Soc., Lond., 1897, p. 140.
Isopteryx tenellalis. Guen.: l. c., 228. 196.
———— Walker: xvii. 401.
———— Led.: l. c., 449.
Isopteryx (?) *leucothoalis.* Walker: xvii. 400.
Isopteryx spilomelalis. Walker: xvii. 403.
Hydrocampa scitalis. Led.: l. c., p. 451.
Hydrocampa solitalis. Led.: l. c., p. 483.
———— Walker: xxxiv. 1340 (1865).
Physematia (?) *epispila.* Meyrick: l. c., 1886, p. 257.

Type (*leucothoalis*). United States, in B. M.
Type (*spilomelalis*). Ceylon, in B. M.
Type (*scitalis*). Amboina, in B. M.
a. Sarawak, Borneo (Wallace). b. Nilgiri Hills

3226. Nymphula œthonalis.

Zebronia œthonalis. Walker: xviii. 484 (1859).

a. Sarawak, Borneo (type) (Wallace).

3227. Nymphula litanalis.

Botys (?) *litanalis.* Walker: xviii. 706 (1859).

Nymphula titanalis (sic). Hampson: Trans. Ent. Soc., Lond., 1897, p. 144.
Endotricha stenialis. Warren: Ann. Mag. N. H. (6), viii. p. 68 (1891).

Type (*stenialis*). Borneo, in B. M.
a. Sarawak, Borneo (type) (Wallace). b. Sarawak (Wallace).

3228. Nymphula affinialis.

Parapoynx affinialis. Guen.: Delt. et Pyral., 270. 259 (1854).
———— Walker: xvii. 454 (1859).
———— Led.: Wien. Ent. Mon., vii. p. 452 (1863).
———— Butler: P. Z. S., Lond., 1883, p. 167.
———— Swinhoe: P. Z. S., Lond., 1884, p. 524; 1885, p. 868; 1886, p. 458.
———— S. and C.: Cat. Moths of India, v. 648. 4396 (1888).
Nymphula affinialis. Hmn.: Faun. Brit. Ind. Moths, iv. p. 193 (1896).
———— Trans. Ent. Soc., Lond., 1897, p. 141.
Botys ardealis. Felder: Reise Nov. Lep., pl. 134, f. 31 (1874).
Oligostima incommoda. Butler: P. Z. S., Lond., 1881, p. 180.

Type (*ardealis*). Nicobars, in coll. Rothschild.
Type (*incommoda*). Socotra, in B. M.
a. India (4).

3229. Nymphula fluctuosalis.

Nymphula fluctuosalis. Zeller: Caffr., p. 27 (1852).
Parapoynx fluctuosalis. Hampson: Ill. Typ. Lep. Het., B.M., viii. 40. 1109 (1891); ix. 51. 1346 (1893).
Nymphula fluctuosalis. Meyrick: Trans. Ent. Soc., Lond., 1894, p. 11.
———— Hmn.: Faun. Brit. Ind. Moths, iv. p. 193 (1896).
———— Trans. Ent. Soc., Lond., 1897, p. 143.
Parapoynx linealis. Guen.: Delt. et Pyral., 271. 260 (1854).
———— Walker: xvii. 454 (1859).
———— Led.: Wien. Ent. Mon. vii. p. 452 (1863).
———— Moore: Lep. Ceylon, iii. p. 302 (1885).
———— S. and C.: Cat. Moths of India, v. 649. 4399 (1888).
———— Meyrick: l. c., 1888, p. 212.
Oligostigma chrysippusalis. Walker: xvii. 432.
Oligostigma obitalis. Walker: xvii. 432.
Parapoynx aptalis. Led.: l. c., pp. 452 and 485.
Oligostigma curta. Butler: Ent. Mo. Mag., xv. p. 270 (1878).

Type. Natal, in B. M.
Type (*chrysippusalis*). China, in B. M.
Type (*obitalis*). Ceylon, in B. M.
Type (*curta*). Hawaiian Islands, in B. M.
a. India.

3230. Nymphula votalis.

Oligostigma votalis. Walker: xvii. 433 (1859).
Parapoynx votalis. Moore: Lep. Ceylon, iii. p. 302 (1885).
———— S. and C.: Cat. Moths of India, v. 649. 4402 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 285.
Parapoynx votalis. Hampson: Ill. Typ. Lep. Het., B. M., viii. 40. 1108 (1891); ix. 51. 1347 (1893).

Nymphula votalis. Hampson: Faun. Brit. Ind. Moths, iv. p. 194 (1896).
———— Trans. Ent. Soc., Lond., 1897, p. 142.

Type. Ceylon, in B. M.
a. India (3).

3231. Nymphula depunctalis.

Nymphula stagnalis. Zeller: Caffr., p. 26 (1852) (præocc.).
Parapoynx stagnalis. Led.: Wien. Ent. Mon., vii. p. 452 (1863).
———— Hampson: Ill. Typ. Lep. Het., B. M., viii. 40. 1110 (1891); ix. 51. 1348 (1893).
Hydrocampa depunctalis. Guen.: Delt. et Pyral., 274. 265 (1854).
———— Walker: xvii. 461 (1859).
———— Led.: l. c., p. 451.
———— Swinhoe: P. Z. S., Lond., 1885, p. 869.
———— S. and C.: Cat. Moths of India, v. 612. 4174 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 288.
Nymphula depunctalis. Moore: Lep. Ceylon, iii. p. 305 (1886).
———— Hmn.: Faun. Brit. Ind. Moths, iv. p. 195 (1896).
———— Meyrick: Trans. Ent. Soc., Lond., 1894, p. 11.
———— Hampson: Trans. Ent. Soc., Lond., 1897, p. 144.
Zebronia (?) *decussalis.* Walker: xvii. 481.
Parapoynx decussalis. Meyrick: l. c., 1885, p. 433.

Type. Natal, in B. M.
Type (*decussalis*). Ceylon, in B. M.
a. Sarawak, Borneo (Wallace).

Genus **CATACLYSTA.** Hübn: Verz., p. 263 (1816).
Chrysendeton. Grote: Papilio, i. p. 16 (1881).
Anydraula. Meyrick: Trans. Ent. Soc., Lond., 1885, p. 427.

3232. Cataclysta junctalis.

Cataclysta junctalis. Hampson: Ill. Typ. Lep. Het., B. M., viii. p. 140, pl. 155, f. 24 (1891).

Type. Nilgiri Hills, in B. M.
a. Bangalore (Minchin).

3233. Cataclysta drusiusalis.

Cataclysta drusiusalis. Walker: xvii. 450 (1859).
———— Hampson: Trans. Ent. Soc., Lond., 1897, p. 148.
Cataclysta drusialis. Led.: Wien. Ent. Mon., vii. p. 454 (1863).
Anydraula drusialis. Meyrick: Trans. Ent. Soc., Lond., 1886, p. 221.

a. Sarawak, Borneo (type) (Wallace).

3234. Cataclysta meropalis.

Hydrocampa (?) *meropalis.* Walker: xvii. 462 (1859).
———— Hmn.: Trans. Ent. Soc., Lond., 1897, p. 223.
Hydrocampa (?) *actoralis.* Walker: xix. 962 (1859).
———— Hampson: l. c.

a. Sarawak, Borneo (type) (Wallace).
b. Sarawak (type *actoralis*) (Wallace).

Genus **AMBIA**. Walker: xix. 957 (1859).
Opistheideicta. Warren: Ann. Mag. N. H. (6), v. p. 478 (1890).
Oligernis. Meyrick: Trans. Ent. Soc., Lond., 1894, p. 470.
Leucogephyra. Warren: l. c., xviii. p. 219 (1896).

3235. **Ambia ptolycusalis.**

Ambia ptolycusalis. Walker: xix. 958.
———— Hampson: Trans. Ent. Soc., Lond., 1897, p. 160.
Cænostola eromenalis. Snellen: Tijd. voor Ent., xxiii. p. 226 (1880); xxvii. p. 6, pl. 3, f. 4 (1884).
Parapoynx eromenalis. Meyrick: l. c., 1887, p. 206.

a. Sarawak, Borneo (type) (Wallace).

3236. **Ambia iriusalis.** Pl. VI. f. 19.

Oligostigma (?) *iriusalis*. Walker: xvii. 434 (1859).
Ambia iriusalis. Hampson: Trans. Ent. Soc., Lond., 1897, p. 165.
Nymphula iriusalis. Meyrick: Trans. Ent. Soc., Lond., 1894, p. 470.

a. Sarawak, Borneo (type) (Wallace).

Genus **OLIGOSTIGMA**. Guen.: Delt. et Pyral., p. 260 (1854).

3237. **Oligostigma villidalis.**

Oligostigma (?) *villidalis*. Walker: xvii. 435 (1859).
Nymphula villidalis. Meyrick: Trans. Ent. Soc., Lond., 1894, p. 470; 1897, p. 85.
Oligostigma villidale. Hampson: Faun. Brit. Ind. Moths, iv. p. 208 (1896).
———— Trans. Ent. Soc., Lond., 1897, p. 168.
Hydrocampa sacadasalis. Walker: xix. 963 (1859).
Oligostigma unilinealis. Snellen: Tijd. voor Ent., xix. p. 197, pl. 8, f. 2 (1875).
Anydraula unilinealis. Meyrick: l. c., 1886, p. 221.

Type (*sacadasalis*). Moreton Bay, in B. M.

a. Sarawak, Borneo (type) (Wallace).

3238. **Oligostigma syagrusalis.**

Cataclysta syagrusalis. Walker: xix. 953 (1859).
Oligostigma syagrusale. Hampson: Trans. Ent. Soc., Lond., 1897, p. 168.
Oligostigma melanodes. Meyrick: Trans. Ent. Soc., Lond., 1894, p. 473.

Type (*melanodes*). S. E. Borneo, in B. M.

a. Sarawak, Borneo (type) (Wallace).

3239. **Oligostigma picalis.**

Hydrocampa picalis. Guen.: Delt. et Pyral., 274. 264 (1854).
———— Walker: xvii. 461 (1859).
———— Led.: Wien. Ent. Mon., vii. p. 451 (1863).
———— S. and C.: Cat. Moths of India, v. 652. 4429 (1888).
Oligostigma picale. Hampson: Ill. Typ. Lep. Het., B. M., ix. p. 177, pl. 174, f. 23 (1893).
———— Faun. Brit. Ind. Moths, iv. p. 210 (1896).
———— Trans. Ent. Soc., Lond., 1897, p. 169.

a. India.

3240. Oligostigma dominulalis.

Cataclysta dominulalis. Walker: xxxiv. 1338 (1865).
Oligostigma dominulale. Hmn.: Trans. Ent. Soc., Lond., 1897, p. 168.

a. New Guinea (type) (Wallace).

The body and fore-wings are all that are left of the type.

3241. Oligostigma ornatum.

Cataclysta ornata. Moore: Lep. Ceylon, iii. p. 299, pl. 181, f. 11 (1885).
———— S. and C.: Cat. Moths of India, v. 652. 4424 (1888).
Oligostigma ornatum. Hmn.: Ill. Typ. Lep. Het., B. M., ix. 51. 1354 (1893).
———— Faun. Brit. Ind. Moths, iv. p. 212 (1896).
———— Trans. Ent. Soc., Lond., 1897, p. 170.

Type. Ceylon, in B. M.
a. Ceylon (Thwaites).

Genus **EOÖPHYLA.** nov.

Differs from the American Genus *Aulacodes*, Guen. = *Hydrophysa*, Guen., in the mid-tibiæ of the ♂ having a long tuft of hair contained in a fold; the outer margin of hind-wing excised below apex.

3242. Eoöphyla peribocalis.

Cataclysta peribocalis. Walker: xvii. 446 (1859).
———— S. and C.: Cat. Moths of India, v. 652. 4426 (1888).
Oligostigma peribocalis. Hmn.: Ill. Typ. Lep. Het., B. M., viii. 40. 1112 (1891).
Aulacodes peribocalis. Hmn.: Faun. Brit. Ind. Moths, iv. p. 215 (1896).
———— Trans. Ent. Soc., Lond., 1897, p. 175.
Cataclysta halialis. Walker: xvii. 447.
———— Swinhoe: P. Z. S., Lond., 1885, p. 868.
———— Swinhoe and Cotes: l. c., 651. 4421.
Cataclysta sabrina. Pryer: Cist. Ent., ii. p. 232, pl. 4, f. 3 (1875).
Oligostigma papulalis. Snellen: Trans. Ent. Soc., Lond., 1890, p. 640.

Type (*sabrina*). Chekiang, in B. M.
Type (*papulalis*). Sikkim, in coll. Elwes.
a. India (type). b. China (type *halialis*). c. Ceylon (Thwaites).
d. India (2).

The different type specimens differ very much in size, but I cannot see by what character they can be separated; there are five specimens in this collection and seven in mine from several localities in India and Ceylon, and they vary in size from $\frac{6}{10}$ inch, the smallest male, to $1\frac{6}{10}$ inch, the largest female.

3243. Eoöphyla waigaoalis. nov. Pl. VI. f. 29.

Aulacodes waigaoalis. Swinhoe MS. Hampson: Trans. Ent. Soc., Lond., 1897, p. 177.

♂ Orange yellow; fore-wings with a broad white streak from the base to the middle, its lower portion joining a broad discal transverse white band, also a submarginal similar but narrower white band,

black marginal lunular line, white cilia interlined with a fine brown line; hind-wings with the immediate base orange coloured, otherwise the basal third of the wing is white, limited by a slight brown shade, rest of the wing pure orange yellow, with two rows of small black spots in pairs in the centre portion of the outer margin, abdomen with white bands, hind-tarsi white.

Expanse of wings, $\frac{9}{10}$ inch.

a. Waigiu (type) (Wallace).

GENUS **THEILA**. nov.

Differs from *Eoöphyla* in the fore-wing of the male, having the costa highly arched in the middle, a slight costal fringe on the upper side on the basal half; a thick fringe of long hair in the cell, expanding at the end.

Type (*plicatalis*). Walker.

3244. Theila gibbosalis.

Oligostigma gibbosalis. Guen.: Delt. et Pyral., 262. 249 (1854).
———— Walker: xvii. 431 (1859).
———— Snellen: Tijd. voor Ent., xix. p. 207, pl. 9, f. 12 *a–d* (1876).
———— S. and C.: Cat. Moths of India, v. 650. 4409 (1888).
Aulacodes gibbosalis. Hampson: Trans. Ent. Soc., Lond., 1897, p. 176.
Oligostigma plicatalis. Walker: xxxiv. 1332 (1865).
Oligostigma tripunctalis. Walker: xxxiv. 1531.

Type (*tripunctalis*). Java, in B. M.

a. Makian, Celebes (type *plicatalis*) (Wallace). b. Java (Horsfield).

In Faun. Brit. Ind. Moths, iv. p. 214, and Trans. Ent. Soc., Lond., 1897, p. 174, Sir George Hampson has misidentified *plicatalis*; the moth he refers to is *simplicialis*, Snellen, Tijd. voor Ent., xix. p. 201, pl. 8, f. 6 (1876), and belongs to a different Genus; if Snellen's figures above quoted really represent *gibbosalis*, Guenée, then *gibbosalis* is the same as *plicatalis*.

GENUS **DAULIA**. Walker: xix. 975 (1859).

Girtexta. Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 285.

3245. Daulia afralis.

Daulia afralis. Walker: xix. 975.
———— Hampson: Faun. Brit. Ind. Moths, iv. p. 220 (1896).
———— Trans. Ent. Soc., Lond., 1897, p. 185.
———— Meyrick: Trans. Ent. Soc., Lond., 1897, p. 89.
Girtexta argentuosalis. Swinhoe: l. c., p. 286.
———— Hmn.: Ill. Typ. Lep. Het., B. M., viii. 41. 1119 (1891).

Type (*argentuosalis*). Rangoon, in B. M.

a. Sarawak, Borneo (type) (Wallace).

GENUS **TALANGA**. Moore: Lep. Ceylon, iii. p. 300 (1885).

3246. Talanga sexpunctalis.

Oligostigma sexpunctalis. Moore: P. Z. S., Lond., 1877, p. 616, pl. 60, f. 12.

Talanga sexpunctalis. S. and C.: Cat. Moths of India, v. 650. 4414 (1888).
——— Hampson: Ill. Typ. Lep. Het., B. M., viii. 41. 1118 (1891); ix. 52. 1370 (1893).
——— Faun. Brit. Ind. Moths, iv. p. 221 (1896).
——— Trans. Ent. Soc., Lond., 1897, p. 186.
Talanga sexpunctata. Moore: Lep. Ceylon, iii. p. 301, pl. 181, f. 13.
Glyphodes lomaspilalis. Snellen: Tijd. voor Ent., xxiii. p. 223 (1880).
Cataclysta nympha. Butler: P. Z. S., Lond., 1880, p. 683 ♂.
Cataclysta dilucidalis. Swinhoe (nec Boisd.): P. Z S., Lond., 1885, p. 868.

Type. Port Blair, Andamans, in B. M.
Type (*nympha*). Formosa, in B. M.
a. Assam (Jenkins). b. Ceylon (Thwaites). c. Sarawak, Borneo (Wallace). d. China.

GENUS **PERISYNTROCHA.** Meyrick: Trans. Ent. Soc., Lond., 1894, p. 469.

3247. Perisyntrocha anialis.

Botys anialis. Walker: xviii. 710 (1859).
Perisyntrocha anialis. Hmn.: Trans. Ent. Soc., Lond., 1897, p. 190.
Zebronia alienalis. Walker: xxxiv. 1351 (1865).
Perisyntrocha alienalis. Meyrick: l. c.
Botys circumdatalis. Walker: xxxiv. 1435.
Parapoynx cuneolalis. Snellen: Tijd. voor Ent., xxiii. p. 243 (1880); xxvii. pl. 5, f. 2 (1884).
Stegothyris picata. Butler: Ann. Mag. N. H. (5), x. p. 235 (1882).

Type (*picata*). New Britain, in B. M.
a. Sarawak, Borneo (type) (Wallace). b. Makian, Celebes (type *alienalis*) (Wallace). c. Sula (type *circumdatalis*) (Wallace). d. New Guinea (Wallace).

GENUS **HYMENOPTYCHIS.** Zeller: Caffr., p. 64 (1852).
Syrbatis. Walker: xxvii. 119 (1863).

3248. Hymenoptychis sordida.

Hymenoptychis sordida. Zeller: l. c., p. 65.
——— Led.: Wien. Ent. Mon., vii. p. 426, pl. 16, f. 2 (1863).
——— Walker: xxxiv. 1329 (1865).
——— Meyrick: Trans. Ent. Soc., Lond., 1886, p. 226.
——— Hampson: Ill. Typ. Lep. Het., B. M., viii. 40. 1101 (1891); ix. 45. 1184 (1893).
——— Faun. Brit. Ind. Moths, iv. p. 224 (1896).
——— Trans. Ent. Soc., Lond., 1897; p. 195.
Syrbatis tipuliformis. Walker: xxvii. 120.
Botys pterophoralis. Walker: xxxiv. 1413 (1865).
Tatobotys pterophoralis. Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 272.

Type. Natal, in B. M.
Type (*tipuliformis*). Sarawak, in B. M.
Type (*pterophoralis*). Penang, in B. M.
a. Australia (2). b. Moreton Bay (Diggles).

Genus **TATOBOTYS**. Butler: P. Z. S., Lond., 1880, p. 686.
Decticogaster. Snellen: Tijd. voor Ent., xxiii. p. 230 (1880).

3249. Tatobotys janapalis.

Botys janapalis. Walker: xviii. 676 (1859).
Hapalia (?) *janapalis.* Moore: Lep. Ceylon, iii. p. 342 (1886).
———— S. and C.: Cat. Moths of India, v. 600. 4096 (1888).
Tatobotys janapalis. Hmn.: Faun. Brit. Ind. Moths, iv. p. 224 (1896).
———— Trans. Ent. Soc., Lond., 1896, p. 196.
Botys cunealis. Walker: xxxiv. 1420 (1865).
Tatobotys cunealis. Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 272.
Tatobotys argillacea. Butler: l. c.
Lonchodes argillacea. Meyrick: Trans. Ent. Soc., Lond., 1887, p. 214.
Lonchodes ceramochra. Meyrick: l. c., 1885, p. 443.
Hedylepta gemella. Moore: Descr. Ind. Lep. Atk., p. 208 (1888).
———— Swinhoe and Cotes: l. c., 640. 4344.

Type. Ceylon, in coll. Layard.
Type (*cunealis*). Ceram, in B. M. (not now in the B. M. coll.).
Type (*argillacea*). Formosa, in B. M.
Type (*gemella*). Calcutta, in coll. Staudinger.
Type (*ceramochra*). Queensland, in coll. Meyrick.
a. Ceram. b. Without locality (2) (Wallace).

3250. Tatobotys varanesalis.

Botys varanesalis. Walker: xviii. 719 (1859).
Tatobotys varanesalis. Hmn.: Faun. Brit. Ind. Moths, iv. p. 225 (1896).
———— Trans. Ent. Soc., Lond., 1897, p. 196.
Decticogaster zonulalis. Snellen: Tijd. voor Ent., xxiii. p. 231 (1880); xxvii. p. 40, pl. 3, f. 11 (1884).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 272.

a. Sarawak, Borneo (type) (Wallace).

Genus **COMETURA**. Meyrick: Trans. Ent. Soc., Lond., 1886, p. 226.

3251. Cometura lirisalis.

Botys lirisalis. Walker: xix. 1003 (1859).
Cometura lirisalis. Meyrick: l. c., 1894, p. 468.
Botys bistrigulalis. Walker: xxxiv. 1415 (1865).
Cometura picrogramma. Meyrick: l. c., 1886, p. 226.
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 276.

Type (*picrogramma*). Fiji, in B. M.
a. Sarawak, Borneo (type) (Wallace). b. Sarawak (type *bistrigulalis*) (Wallace).

3252. Cometura biannulalis.

Botys biannulalis. Walker: xxxiv. 1439 (1865).
Tatobotys biannulalis. Hmn.: Trans. Ent. Soc., Lond., 1897, p. 197.

a. Sula (type) (Wallace).

GENUS **ALMONIA**. Walker: xxxiv. 1495 (1865).
Dodanga. Moore: Lep. Ceylon, iii. p. 331 (1886).

3253. Almonia truncatalis.

Botys truncatalis. Walker: xxxiv. 1440.
Dodanga truncatalis. Meyrick: Trans. Ent. Soc., Lond., 1897, p. 86.
Almonia truncatalis. Hmn.: Faun. Brit. Ind. Moths, iv. p. 226 (1896).
———————— Trans. Ent. Soc., Lond., 1897, p. 198.
Almonia onustalis. Walker: xxxiv. 1495.
Dodanga lobipennis. Moore: l. c., p. 332, pl. 182, f. 3.
———————— S. and C.: Cat. Moths of India, v. 604. 4126 (1888).

Type. Java, in B. M.
Type (*lobipennis*). Ceylon, in B. M.
a. Sula (type ♂ *onustalis*) (Wallace). b. Nilgiri Hills ♂. c. Ceylon (1 ♂ 2 ♀) (Thwaites).

The Nilgiri example has the tufts on the hind-legs, and in all respects is identical with the ♂ from Ceylon and the ♂ from Sula.

GENUS **BRADINA**. Led.: Wien. Ent. Mon., vii. p. 424 (1863).

3254. Bradina impressalis.

Bradina impressalis. Led.: l. c., p. 425, pl. 15, f. 16.
———————— Walker: xxxiv. 1372 (1865).
———————— Hampson: Trans. Ent. Soc., Lond., 1897, p. 200.

a. New Guinea (Wallace). b. Mysol (Wallace). c. Sula (Wallace).

GENUS **ERILITA**. Led.: Wien. Ent. Mon., vii. p. 426 (1863).
Pleonectusa. Led.: l. c.
Epichromistis. Meyrick: Trans. Ent. Soc., Lond., 1886, p. 260.

3255. Erilita modestalis.

Erilita modestalis. Led.: l. c., pl. 16, f. 3.
———————— Walker: xxxiv. 1373 (1865).
Pleonectusa modestalis. Meyrick: l. c., 1887, p. 216.
Bradina modestalis. Hampson: Trans. Ent. Soc., Lond., 1897, p. 202.
Pleonectusa chalinota. Meyrick: l. c., 1886, p. 233.

a. Ceram (Wallace). b. Morty (Wallace). c. New Guinea (Wallace). d. Sula (Wallace). e. Mysol (Wallace).

3256. Erilita macaralis.

Botys macaralis. Walker: xviii. 709 (1859).
Pleonectusa macaralis. Meyrick: Trans. Ent. Soc., Lond., 1894, p. 468.
Bradina macaralis. Hmn.: Trans. Ent. Soc., Lond., 1897, p. 201.

Type. Sarawak, Borneo, in B. M.
a. Sarawak (2) (Wallace). b. Sula (Wallace).

3257. Erilita admixtalis.

Botys admixtalis. Walker: xviii. 665 (1859).
Pleonectusa admixtalis. Led.: Wien. Ent. Mon., vii. pp. 426, 481 (1863).

Pleonectusa admixtalis. Walker: xxxiv. 1480 (1865).
——————— Moore: Lep. Ceylon, iii. p. 286, pl. 180, f. 13 (1885).
——————— S. and C.: Cat. Moths of India, v. 601. 4110 (1888).
——————— Snellen: Trans. Ent. Soc., Lond., 1890, p. 624.
——————— Hampson: Ill. Typ. Lep. Het., B. M., viii. 40. 1102 (1891); ix. 50. 1334 (1893).
Bradina admixtalis. Hampson: Faun. Brit. Ind. Moths, iv. p. 227 (1896).
——————— Trans. Ent. Soc., Lond., 1897, p. 201.
Botys panœusalis. Walker: xix. 998 (1859).
Pleonectusa labidalis. Led.: l. c., p. 426.
Pleonectusa sodalis. Led.: l. c.
Botys leptogastralis. Walker: xxxiv. 1432.
Pleonectusa pallidalis. Warren: Ann. Mag. N. H. (6), xvii. p. 147 (1896).

Type. Ceylon, in B. M.
Type (*panœusalis*). Ceylon, in B. M.
Type (*pallidalis*). Khasia Hills, in coll. Rothschild.
a. Ceylon (2) (Thwaites).
b. Ceram (type *leptogastralis*). C. Indore (Hearsay).
Walker records the type of *leptogastralis* as from N. Guinea, but it has a Ceram label on it.

3258. Erilita metaleucalis. Pl. VI. f. 27.

Bradina metaleucalis. Walker: xxxiv. 1372 (1865).
——————— Hampson: Trans. Ent. Soc., Lond., 1897, p. 201.
Pleonectusa metaleucalis. Meyrick: Trans. Ent. Soc., Lond., 1886, p. 231.
a. Fiji Islands (type) Wallace).

3259. Erilita adhæsalis.

Botys adhæsalis. Walker: xviii. 664 (1859).
Pleonectusa adhæsalis. Moore: Lep. Ceylon, iii. p. 287, pl. 180, f. 14 (1885).
——————— Swinh. and Cotes: (part) Cat. Moths of India, v. 601. 4109 (1888).
Bradina adhæsalis. Hampson: Faun. Brit. Ind. Moths, iv. p. 227 (1896).
——————— Trans. Ent. Soc., Lond., 1897, p. 200.
Botys æclusalis. Walker: xviii. 687.
Botys teutalis. Walker: xviii. 690.
Type. Ceylon, in B. M.
a. Sarawak, Borneo (type *æclusalis*) (Wallace). b. Sarawak, (type *teutalis*) (Wallace). c. Sula (Wallace). d. Japan.

3260. Erilita canalis.

Botys canalis. Walker: xxxiv. 1429 (1865).
Type. Mysol, in B. M.
a. Mysol (Wallace).

3261. Erilita extenuatalis.

Botys extenuatalis. Walker: xxxiv. 1424 (1865).
Pleonectusa extenuatalis. Meyrick: Trans. Ent. Soc., Lond., 1897, p. 86.
Bradina extenuatalis. Hampson: Trans. Ent. Soc., Lond., 1897, p. 201.
Botys leptomeralis. Walker: xxxiv. 1429.
a. Sula (type) (Wallace). b. Mysol (type *leptomeralis*) (Wallace).
c. Ceram (3) (Wallace).

3262. Erilita melesalis.

Botys melesalis. Walker: xviii. 705 (1859).
Metasia melesalis. Meyrick: Trans. Ent. Soc., Lond., 1894, p. 465.
Bradina melesalis. Hampson: Trans. Ent. Soc., Lond., 1897, p. 201.
a. Sarawak, Borneo (type) (Wallace). b. Sarawak (Wallace).

Genus **PELINA.** Moore: Lep. Ceylon, iii. p. 386 (1886).
Loxocorys. Meyrick: Trans. Ent. Soc., Lond., 1894, p. 6.

3263. Pelina trilinealis. Pl. VII. f. 10.

Zebronia trilinealis. Walker: xxxiv. 1351 (1865).
Luma trilinealis. Hampson: Trans. Ent. Soc., Lond., 1897, p. 186.
a. Ceram (type) (Wallace).

Genus **ORPHNOPHANES.** Led.: Wien. Ent. Mon., vii. p. 428 (1863).
Syntomodora. Meyrick: Trans. Ent. Soc., Lond., 1894, p. 467.

3264. Orphnophanes eucerusalis.

Botys eucerusalis. Walker: xix. 1002 (1859).
Orphnophanes eucerusalis. Hmn.: Faun. Brit. Ind. Moths, iv. p. 231 (1896).
——————————— Trans. Ent. Soc., Lond., 1897, p. 188.
Orphnophanes euceralis. Meyrick: l. c., p. 469.
Orphnophanes productalis. Led.: l. c., pl. 16, f. 7.
——————————— Walker: xxxiv. 1487 (1865).
——————————— Snellen: Trans. Ent. Soc., Lond., 1890, p. 625.
a. Sarawak, Borneo (type) (Wallace).

3265. Orphnophanes thoasalis.

Botys thoasalis. Walker: xviii. 692 (1859).
——————————— S. and C.: Cat. Moths of India, v. 597. 4078 (1888).
Syntomodora thoasalis. Meyrick: Trans. Ent. Soc., Lond., 1894, p. 467.
Orphnophanes thoasalis. Hmn.: Faun. Brit. Ind. Moths, iv. p. 230 (1896).
——————————— Trans. Ent. Soc., Lond., 1897, p. 188.
Type. Borneo, in B. M.
a. Sarawak, Borneo (Wallace).

Genus **STREPSINOMA.** Meyrick: Trans. Ent. Soc., Lond., 1897, p. 85.

3266. Strepsinoma crœsusalis. Pl. VII. f. 14.

Cataclysta crœsusalis. Walker: xvii. 449 (1859).
——————————— Hmn.: Faun. Brit. Ind. Moths, iv. p. 196 (1896).
Strepsinoma crœsusalis. Hampson: Trans. Ent. Soc., Lond., 1897, p. 191.
Strepsinoma crœsalis. Meyrick: l. c., p. 86.
a. Sarawak, Borneo (type) (Wallace).

Genus **COPTOBASIS.** Led.: Wien. Ent. Mon., vii. p. 429 (1863).

3267. Coptobasis sulcialis.

Botys sulcialis. Walker: xviii. 684 (1859).

Coptobasis sulcialis. Led.: l. c.
———— Hampson: Faun. Brit. Ind. Moths, iv. p. 232 (1896).
———— Trans. Ent. Soc., Lond., 1897, p. 203.

a. Sarawak, Borneo (type) (Wallace). b. New Guinea (Wallace).

3268. Coptobasis monocromalis.

Botys monocromalis. Walker: xxxiv. 1419 (1865).
Coptobasis monochromalis. Hmn.: Trans. Ent. Soc., Lond., 1897, p. 203.

a. Sula (type) (Wallace).

Genus **GALADRA.** Walker: xxxii. 640 (1865).

3269. Galadra rhomboidata. Pl. VII. f. 6.

Galadra rhomboidata. Walker: xxxii. 641.

a. New Guinea (type) (Wallace).

Genus **HYALOPLAGA.** Warren: Ann. Mag. N. H. (6), ix. p. 432 (1892).

3270. Hyaloplaga pulchralis.

Hydrocampa pulchralis. Moore: P. Z. S., Lond., 1867, p 869.
———— S. and C.: Cat. Moths of India, v. 652. 4430 (1888).
Hyaloplaga pulchralis. Warren: l. c.
———— Hampson: Faun. Brit. Ind. Moths, iv. p. 235 (1896).
———— Trans. Ent. Soc., Lond., 1897, p. 219.

Type. Sikkim, in B. M.
a. India.

Genus **PILETOCERA.** Led.: Wien. Ent. Mon., vii. p. 431 (1863).
Danaga. Moore: Lep. Ceylon, iii. p. 272 (1885).

3271. Piletocera violalis.

Piletocera violalis. Led.: l. c., pl. 16, f. 15.
———— Walker: xxxiv. 1485 (1865).
———— Hampson: Trans. Ent. Soc., Lond., 1897, p. 212.

a. New Guinea (Wallace).

3272. Piletocera ægimiusalis.

Desmia ægimiusalis. Walker: xix. 929 (1859).
Piletocera ægimiusalis. Hmn.: Faun. Brit. Ind. Moths, iv. p. 236 (1896).
———— Trans. Ent. Soc., Lond., 1897, p. 212.
Desmia collaris (♂). Walker: xxxiv. 1293 (1865).
Ptilæola collaris. Meyrick: Trans. Ent. Soc., Lond., 1894, p. 467.
Desmia cincta. Walker: xxxiv. 1293.
Desmia mysolalis (♀). Walker: xxxiv. 1294.
Danaga pullatalis (♀). Swinhoe: P. Z. S., Lond., 1889, p. 420.
Piletocera flavomaculata. Pag.: J. B. Nass. Ver., xxxvii. p. 279, pl. 7, f. 8. (1884).

Type (*pullatalis*). Andaman Islands, in B. M.
a. Sarawak, Borneo (type) (Wallace). b. Morty (type *collaris*) (Wallace). c. Mysol (type *mysolalis* ♀) (Wallace). d. Sarawak,

Borneo (Wallace). e. New Guinea (type *cincta* ♂) (Wallace). f. New Guinea (Wallace).

3273. Piletocera reducta.

Desmia reducta. Walker: xxxiv. 1296 (1865).
Piletocera reducta. Hampson: Trans. Ent. Soc., Lond., 1897, p. 212.

a. Mysol (type) Wallace).

3274. Piletocera illectalis. Pl. VIII. f. 21.

Salbia illectalis. Walker: xvii. 362 (1859).
Piletocera illectalis. Hampson: Trans. Ent. Soc., Lond., 1897, p. 213.
Desmia (?) *aceoalis.* Walker: xix. 929 (1859).

Type. Sarawak, Borneo, in B. M.

a. Sarawak (type *aceoalis*) (Wallace). b. Sarawak (4) (Wallace).

3275. Piletocera concisalis.

Desmia concisalis. Walker: xvii. 345 (1859).
Danaga concisalis. Moore: Lep. Ceylon, iii. p. 272, pl. 179. f. 3 (1885).
———— S. and C.: Cat. Moths of India, v. 627. 4260 (1888).
———— Hampson: Ill. Typ. Lep. Het., B. M., viii. 39. 1077 (1891); ix. 49. 1295 (1893).
Piletocera concisalis. Hampson: Faun. Brit. Ind. Moths, iv. p. 237 (1896).
———— Trans. Ent. Soc., Lond., 1897, p. 213.

Type. Ceylon, in B. M.

a. Ceylon (2) (Thwaites).

3276. Piletocera latalis. Pl. VII. f. 15.

Botys latalis. Walker: xxxiv. 1294 (1865).
Piletocera latalis. Hampson: Trans. Ent. Soc., Lond., 1897, p. 213.

a. Sula (type) (Wallace).

3277. Piletocera basalis. Pl. VII. f. 25.

Botys basalis. Walker: xxxiv. 1295 (1865).
Piletocera latalis. Hampson: (part) Trans. Ent. Soc., Lond., 1897, p. 213.

a. Sula (type) (Wallace).

3278. Piletocera tellesalis. Pl. VIII. f. 14.

Desmia tellesalis. Walker: xix. 933 (1859).
Diplotyla tellesalis. Meyrick: Trans. Ent. Soc., Lond., 1897, p. 86.
Piletocera tellesalis. Hampson: Trans. Ent. Soc., Lond., 1897, p. 213.

a. Sarawak, Borneo (type ♀) (Wallace).

3279. Piletocera parvalis.

Ædiodes parvalis ♀. Walker: xxxiv. 1300 (1865).
Piletocera tellesalis. Hmn.: (part) Trans. Ent. Soc., Lond., 1897, p. 213.

a. Sula (type ♀) (Wallace). b. Sula ♂ (Wallace).

3280. Piletocera lycopusalis. Pl. VII. f. 23.

Desmia (?) *lycopusalis.* Walker: xix. 930 (1859).
Piletocera lycopusalis. Hampson: Trans. Ent. Soc., Lond., 1897, p. 213.

a. Sarawak, Borneo (type ♀) (Wallace).

3281. Piletocera zebinalis. Pl. VII. f. 13.

Desmia zebinalis. Walker: xix. 932 (1859).
Ptilæola zebinalis. Meyrick: Trans. Ent. Soc., Lond., 1894, p. 467.
Piletocera zebinalis. Hampson: Trans. Ent. Soc., Lond., 1897, p. 213.

a. Sarawak, Borneo (type ♀) (Wallace).

GENUS **ALUTEFA.** nov.

Differs from *Piletocera* in having the antennæ in the ♂ normal and ciliated.

3282. Alutefa æqualis. Pl. VII. f. 9.

Ædiodes æqualis. Walker: xxxiv. 1299 (1865).
Piletocera æqualis. Hampson: Trans. Ent. Soc., Lond., 1897, p. 214.

a. New Guinea (type) (Wallace).

GENUS **CLUPEOSOMA.** Snellen: Tijd. voor Ent., xxiii. p. 203 (1880).
Hydrorybina. Hampson: Faun. Brit. Ind. Moths, iv. p. 239 (1896).

3283. Clupeosoma polusalis. Pl. VII. f. 20.

Botys polusalis. Walker: xviii. 703 (1859).
Hydrorybina polusalis. Hampson: l. c.
Clupeosoma polusale. Hampson: Trans. Ent. Soc., Lond., 1897, p. 217.

a. Sarawak, Borneo (type) (Wallace).

GENUS **CAMPTOMASTYX.** Hampson: Faun. Brit. Ind. Moths, iv. p. 238 (1896).

3284. Camptomastyx hisbonalis.

Botys hisbonalis. Walker: xviii. 707 (1859).
Camptomastyx hisbonalis. Hmn.: l. c., p. 239.
———— Trans. Ent. Soc., Lond., 1897, p. 215.
Botys pacalis. Leech: Entom., 1889, p. 69, pl. 4, f. 15.
Diplotyla longipalpis. Butler: Ill. Typ. Lep. Het., B. M., vii. p. 95, pl. 135, f. 4 (1891).

Type (*pacalis*). China, in coll. Leech.
Type (*longipalpis*). Dharmsala, in B. M.
a. Sarawak, Borneo (type) (Wallace).

GENUS **MABRA.** Moore: Lep. Ceylon, iii. p. 280 (1885).
Neophruda. Warren: Ann. Mag. N. H. (6), xvii. p. 463 (1896).

3285. Mabra eryxalis.

Asopia eryxalis. Walker: xvii. 371 (1859).
———— Moore: l. c., pl. 179, f. 4.
———— S. and C.: Cat. Moths of India, v. 626. 4254 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 277.

Mabra eryxalis. Hampson: Faun. Brit. Ind. Moths, iv. p. 240 (1896).
———— Trans. Ent. Soc., Lond., 1897, p. 221.
Botys velatalis. Snellen: Mid.-Sum., iv. Lep., p. 63, pl. 5, f. 4 (1880).

Type. Ceylon, in B. M.

a. Sarawak, Borneo (2) (Wallace).

3286. Mabra fauculalis.

Hydrocampa fauculalis. Walker: xix. 962 (1859).
Stenia fauculalis. Meyrick: Trans. Ent. Soc., Lond., 1894, p. 465.
Mabra fauculalis. Hmn.: Trans. Ent. Soc., Lond., 1897, p. 221.

a. Sarawak, Borneo (type) (Wallace).

Family **PYRAUSTIDÆ.**

Sub-Family HYMENIINÆ.

Genus **SUFETULA.** Walker: xix. 946 (1859).
Mirobriga. Walker: xxvii. 131 (1863).
Lœtrina. Walker: xxvii. 132.
Pseudochoreutis. Snellen: Tijd. voor Ent., xxiii. p. 202 (1880).

3287. Sufetula sunidesalis.

Sufetula sunidesalis. Walker: xix. 947.
———— Hampson: Faun. Brit. Ind. Moths, iv. p. 252 (1896).
———— Meyrick: Trans. Ent. Soc., Lond., 1897, p. 91.
———— Hampson: P. Z. S., Lond., 1898, p. 614.
Mirobriga albicans. Walker: xxvii. 132.
Lœtrina flexalis. Walker: xxvii. 132.
Pseudochoreutis choreutalis. Snellen: l. c., and xxvi. pl. 6, f. 8 (1883).

Types (*albicans* and *flexalis*). Sarawak, Borneo, in B. M.

a. Sarawak, Borneo (type) (Wallace). b. Sarawak (Wallace).

Genus **PYCNARMON.** Led.: Wien. Ent. Mon., vii. p. 441 (1863).

3288. Pycnarmon jaguaralis.

Spilomela jaguaralis. Guen.: Delt. et Pyral., 283. 280 (1854).
Zebronia jaguaralis. Walker: xvii. 486 (1859).
Pycnarmon jaguaralis. Led.: l. c.
———— Walker: xxxiv. 1368 (1865).
———— Moore: P. Z. S., Lond., 1867, p. 91.
———— Meyrick: Trans. Ent. Soc., Lond., 1886, p. 257.
———— S. and C.: Cat. Moths of India, v. 635.4316 (1888).
———— Snellen: Trans. Ent. Soc., Lond., 1890, p. 630.
———— Hmn.: Faun. Brit. Ind. Moths, iv. p. 256 (1896).
Entephria jaguaralis. Hampson: P. Z. S., Lond., 1898, p. 619.

a. Assam (2) (Jenkins). b. Malacca (Wallace). c. New Guinea (Wallace). d. Mysol (2) (Wallace). e. Sula (Wallace). f. Makian, Celebes (2) (Wallace). g. Dorey (Wallace).

GENUS **EUTRICHOTIS**. nov.

Differs from *Picnarmon* in the male antennæ being without the tuft of hair from the cleft, or scale-teeth beyond it : but with an ear of scales at about one quarter from base, the basal joint enlarged.

3289. Eutrichotis abraxalis.

Zebronia abraxalis. Walker : xxxiv. 1349 (1865).
Pycnarmon abraxalis. Moore : P. Z. S., Lond., 1867, p. 91.
——————— S. and C. : Cat. Moths of India, v. 635. 4313 (1888).
——————— Snellen : Trans. Ent. Soc., Lond., 1890, p. 631.
——————— Hmn. : Faun. Brit. Ind. Moths, iv. p. 257 (1896).
Entephria abraxalis. Hampson : P. Z. S., Lond., 1898, p. 619.

Type. Darjiling, in B. M.
a. India (2).

3290. Entrichotis virgatalis.

Pycnarmon virgatalis. Moore : P. Z. S., Lond., 1867, p. 92, pl. 7, f. 9 (nec 10).
——————— S. and C. : Cat. Moths of India, v. 636. 4317 (1888).
——————— Hmn. : Faun. Brit. Ind. Moths, iv. p. 257 (1896).
Ravanoa virgatalis. Snellen : Trans. Ent. Soc., Lond., 1890, p. 633.
Entephria virgatalis. Hampson : P. Z. S., Lond., 1898, p. 619.

Type. Bengal, in coll. Staudinger.
a. Cherra Punji (2).

GENUS **ARIPANA**. Moore : Lep. Ceylon, iii. p. 312 (1886).

3291. Aripana caberalis.

Spilomela caberalis. Guen. : Delt. et Pyral., 284. 282 (1854).
Conchylodes caberalis. Led. : Wien. Ent. Mon., vii. p. 443 (1863).
——————— Snellen : Tijd. voor Ent., xxvii. p. 44 (1884).
——————— Meyrick : Trans. Ent. Soc., Lond., 1886, p. 257.
Aripana caberalis. Moore : l. c.
——————— S. and C. : Cat. Moths of India, v. 635. 4310 (1888).
——————— Swinhoe : Trans. Ent. Soc., Lond., 1890, p. 280.
——————— Hampson : Ill. Typ. Lep. Het., B. M., viii. 38. 1062 (1891) ; ix. 48. 1263 (1893).
Pycnarmon caberalis. Hmn. : Faun. Brit. Ind. Moths, iv. p. 258 (1896).
Zebronia cabiralis. Walker : xvii. 482 (1859).
Conchylodes abdicalis. Led. (nec Walker) : l. c., pl. 17, f. 12.
Entephria cribrata. Hampson : (part) P. Z. S., Lond., 1898, p. 619.

a. Bangalore (Minchin).

3292. Aripana abdicalis.

Zebronia abdicalis. Walker : xvii. 480 (1859).
——————— Swinhoe : P. Z. S., Lond., 1885, p. 870.
Aripana abdicalis. Hmn. : Ill. Typ. Lep. Het., B. M., viii. 38. 1063 (1891) ; ix. 48. 1264 (1893).
——————— Meyrick : Trans. Ent. Soc., Lond., 1894, p. 459.
Entephria cribrata. Hmn. : (part) P. Z. S., Lond., 1898, p. 619.

Type. Ceylon, in B. M.
a. Bombay. b. Sarawak, Borneo (Wallace). c. Ceram (Wallace). d. Sula (Wallace). e. Flores (Wallace).

3293. Aripana lactiferalis.

Zebronia (?) *lactiferalis.* Walker: xvii. 480 (1859).
Aripana lactiferalis. Moore: Lep. Ceylon, iii. p. 313 (1886).
——————— S. and C.: Cat. Moths of India, v. 635. 4311 (1888).
——————— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 280.
——————— Hmn.: Ill. Typ. Lep. Het., B.M., viii. 38. 1064 (1891).
——————— Meyrick: Trans. Ent. Soc., Lond., 1894, p. 459.
Pycnarmon lactiferalis. Hmn.: Faun. Brit. Ind. Moths, iv. p. 259 (1896).
Entephria lactiferalis. Hampson: P. Z. S., Lond., 1898, p. 620.
Conchylodes paucipunctalis. Snellen: Trans. Ent. Soc., Lond., 1890, p. 633, pl. 19, f. 2.

Type. Moulmein, in B. M.
Type (*paucipunctalis*). Sikkim, in coll. Elwes.
a. India.

3294. Aripana meritalis.

Zebronia (?) *meritalis.* Walker: xvii. 479 (1859).
Conchylodes meritalis. Meyrick: Trans. Ent. Soc., Lond., 1884, p. 310.
——————— Snellen: Trans. Ent. Soc., Lond., 1890, p. 484.
Aripana meritalis. Moore: Lep. Ceylon, iii. p. 313 (1886).
——————— S. and C.: Cat. Moths of India, v. 635. 4312 (1888).
——————— Hmn.: Ill. Typ. Lep. Het., B. M., ix. 48. 1265 (1893).
——————— Meyrick: l. c., 1894, p. 459.
Pycnarmon meritalis. Hmn.: Faun. Brit. Ind. Moths, iv. p. 259 (1896).
Entephria meritalis. Hampson: P. Z. S., Lond., 1898, p. 620.
Zebronia (?) *plexippusalis.* Walker: xvii. 485.
Conchylodes baptalis. Snellen: Tijd. voor Ent., xxiii. p. 238 (1880); xxvii. p. 44, pl. 4, f. 7 (1884).
Zebronia proximalis. Walker: MS.

Type. Ceylon, in B. M.
Type (*plexippusalis*). Moreton Bay, in B. M.
a. Ceram (Wallace).

3295. Aripana idalis. Pl. VII. f. 16.

Zebronia idalis. Walker: xvii. 485 (1859).
Entephria idalis. Hampson: P. Z. S., Lond., 1898, p. 620.

a. Sarawak, Borneo (type) (Wallace).

GENUS **RAVANOA.** Moore: Lep. Ceylon, iii. p. 284 (1885).

3296. Ravanoa xiphialis.

Zebronia xiphialis. Walker: xvii. 483 (1859).
Ravanoa xiphialis. Hampson: Faun. Brit. Ind. Moths, iv. p. 260 (1896).
——————— P. Z. S., Lond., 1898, p. 622.
Zebronia bilineolalis. Walker: xxxiv. 1350 (1865).
Ravanoa bilineolalis. Moore: l. c., pl. 180, f. 9.
——————— S. and C.: Cat. Moths of India, v. 603. 4120 (1888).
——————— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 274.
Dolichosticha bilineolalis. Hmn.: Ill. Typ. Lep. Het., B. M., ix. 51. 1341 (1893).

Type (*bilineolalis*). Mysol, in B. M.
a. Sarawak, Borneo (type) (Wallace). b. Mysol (Wallace).

GENUS **REHIMENA.** Walker: xxxiv. 1492 (1865).
Cyclarcha. Swinhoe: Ann. Mag. N. H. (6), xiv. p. 203 (1894).

3297. Rehimena phrynealis.

Botys phrynealis. Walker: xviii. 630 (1859).
Rehimena phrynealis. Moore: Lep. Ceylon, iii. p. 290, pl. 181, f. 5 (1885).
——— S. and C.: Cat. Moths of India, v. 606. 4138 (1888).
——— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 276.
——— Hampson: Ill. Typ. Lep. Het., B. M., viii. 36. 1018 (1891); ix. 49. 1275 (1893).
——— Meyrick: Trans. Ent. Soc., Lond., 1894, p. 459.
——— Hmn.: Faun. Brit. Ind. Moths, iv. p. 261 (1896).
——— P. Z. S., Lond., 1898, p. 622.
Botys haliusalis. Walker: xviii. 695.
Rehimena dichromalis. Walker: xxxiv. 1492 (1865).
——— Swinhoe: P. Z. S., Lond., 1885, p. 872.

Type. Without locality, in B. M.
Type (*dichromalis*). South India, in B. M.
a. Sarawak, Borneo (type *haliusalis*) (Wallace). b. Bombay (2).
c. Ceylon (2) (Thwaites).

GENUS **HYMENIA.** Hübn.: Verz., p. 360 (1816).
Zinckenia. Zeller: Caffr., p. 55 (1852).
Spoladea. Guen.: Delt. et Pyral., p. 224 (1854).

3298. Hymenia perspectalis.

Pyralis perspectalis. Hübn.: Pyral., f. 101 (1805).
Hymenia perspectalis. Hübn.: Verz., p. 361.
——— Walker: xvii. 395 (1859).
——— S. and C.: Cat. Moths of India, v. 627. 4261 (1888).
Spoladea perspectalis. Guen.: l. c., 226. 192 (1854).
Zinckenia perspectalis. Led.: Wien. Ent. Mon., vii. p. 437 (1863).
——— Meyrick: Trans. Ent. Soc., Lond., 1884, p. 309.
——— Hmn.: Faun. Brit. Ind. Moths, iv. p. 262 (1896).
——— P. Z. S., Lond., 1898, p. 623.
Zinckenia primordialis. Zeller: l. c., p. 56.
——— Walker: xxxiv. 1321 (1865).
Spoladea exportalis. Guen.: l. c., 227. 193.
——— Walker: xvii. 397.
Desmia rhinthonalis. Walker: xix. 932 (1859).

a. Sarawak, Borneo (type *rhinthonalis*) (Wallace).

3299. Hymenia recurvalis.

Phalæna recurvalis. Fabr.: Syst. Ent., p. 407 (1775).
——— Ent. Syst., iii. (2) p. 237 (1894).
Zinckenia recurvalis. Zeller: Caffr., p. 55 (1852).
——— Led.: Wien. Ent. Mon., vii. p. 437 (1863).
——— Staud. and W.: Cat., No. 273 (1871).
——— Snellen: Tijd. voor Ent., xv., p. 95 (1872).
——— Meyrick: Trans. Ent. Soc., Lond., 1884, p. 308.
——— Snellen: Trans. Ent. Soc., Lond., 1890, p. 629.
Spoladea recurvalis. Guen.: Delt. et Pyral., p. 225, pl. 8, f. 5 (1854).

Hymenia recurvalis. Walker: xvii. 396 (1859).
———— Moore: Lep. Ceylon, iii. p. 293 (1885).
———— S. and C.: Cat. Moths of India, v. 627. 4262 (1888).
Phalæna Pyralis fascialis. Cram.: Pap. Exot., iv. pl. 398, f. O (1782).
———— Stoll: Cram. Pap. Exot., v. p. 163, pl. 36, f. 13 (1790).
Zinckenia fascialis. Hmn.: Faun. Brit. Ind. Moths, iv. p. 262 (1896).
———— P. Z. S., Lond., 1898, p. 623.
Phalæna angustalis. Fabr.: Mant. Ins., p. 222 (1787).
Hymenia diffascialis. Hübn.: Verz., p. 361 (1816).
Hydrocampa albifascialis. Boisd.: Faun. Ent. Mad. Lep., p. 119, pl. 16, f. 1 (1834).

a. India (4) (Hearsay). b. Ceylon (2) (Thwaites). c. Sarawak (Wallace). d. Mysol (2) (Wallace). e. Ceram (Wallace). f. Sydney (2). g. New South Wales.

GENUS **TABIDIA.** Snellen: Tijd. voor Ent., xxiii. p. 219 (1880).

3300. Tabidia aculealis. Pl. VII. f. 26.

Botys aculealis. Walker: xxxiv. 1427 (1865).
Tabidia aculealis. Hmn.: (part) Faun. Brit. Ind. Moths, iv. p. 263 (1896).
———— P. Z. S., Lond., 1898, p. 624.

a. Sula (type) (Wallace).

GENUS **EURRHYPARODES.** Snellen: Tijd. voor Ent., xxiii. p. 215 (1880).
Molybdantha. Meyrick: Trans. Ent. Soc., Lond., 1884, p. 309.

3301. Eurrhyparodes bracteolalis.

Botys bracteolalis. Zeller: Caffr., p. 30 (1852).
Diasemia bracteolalis. Led.: Wien. Ent. Mon., vii. p. 419 (1863).
———— Walker: xxxiv. 1325 (1865).
Molybdantha bracteolalis. Meyrick: l. c.
Eurrhyparodes bracteolalis. Hampson: Ill. Typ. Lep. Het., B. M., viii. 39. 1086 (1891); ix. 50. 1316 (1893).
———— Faun. Brit. Ind. Moths, iv. p. 264 (1896).
———— P. Z. S., Lond., 1898, p. 626.
Isopteryx plumbalis. Guen.: Delt. et Pyral., 231. 292 (1854).
———— Walker: xvii. 406 (1859).
Isopteryx accessalis. Walker: xvii. 405.
Eurrhyparodes accessalis. Moore: Lep. Ceylon, iii. p. 294, pl. 179, f. 6 (1885).
———— S. and C.: Cat. Moths of India, v. 654. 4439 (1888).
Eurrhyparodes stibialis. Snellen: l. c., p. 216; xxvi. p. 134, pl. 8, f. 3 (1883).

Type (*accessalis*). China, in B. M.

a. India (2). b. Bangalore (2) (Minchin). c. Ceylon (3) (Thwaites). d. Sula (Wallace).

3302. Eurrhyparodes tricoloralis.

Botys tricoloralis. Zeller: Caffr., p. 31 (1852).

Diasemia tricoloralis. Led.: Wien. Ent. Mon., vii. p. 419 (1863).
———— Walker: xxxiv. 1325 (1865).
Eurrhyparodes tricoloralis. Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 283.
———— Hampson: Ill. Typ. Lep. Het., B. M., viii. 39. 1087 (1891); ix. 50. 1315 (1893).
———— Faun. Brit. Ind. Moths, iv. p. 264 (1896).
———— P. Z. S., Lond., 1898, p. 626.
Isopteryx (?) *abnegatalis.* Walker: xvii. 404 (1859).
Botys abnegatalis. Led.: l. c., p. 376, pl. 11, f. 17.
Eurrhyparodes abnegatalis. Moore: Lep. Ceylon, iii. p. 295, pl. 179, f. 7 (1885).
———— S. and C.: Cat. Moths of India, v. 653. 4436 (1888).

Type (*abnegatalis*). Ceylon, in B. M.
a. India. b. Ceylon (Thwaites). c. Queensland. d. Moreton Bay.

Genus **HETEROCNEPHES.** Led.: Wien. Ent. Mon., vii. p. 402 (1863).
Charitoprepes. Warren: Ann. Mag. N. H. (6), xvii. p. 136 (1896).

3303. Heterocnephes scapulalis.

Heterocnephes scapulalis. Led.: l. c., pl. 14, f. 5.
———— Walker: xxxiv. 1371 (1865).
———— Hampson: P. Z. S., Lond., 1898, p. 627.
Margaronia scapulalis. Meyrick: Trans. Ent. Soc., Lond., 1894, p. 456.
a. Ké Island (Wallace).

3304. Heterocnephes lymphatalis.

Nosophora lymphatalis. Swinhoe: P. Z. S., Lond., 1889, p. 420, pl. 44, f. 7.
Heterocnephes lymphatalis. Hmn.: Faun. Brit. Ind. Moths, iv. p. 265 (1896).
———— P. Z. S., Lond., 1898, p. 627.

Type. Sibsaghor, in B. M.
a. Khasia Hills.

Genus **AGROTERA.** Schranck: Faun. Boica, ii. (2), p. 163 (1798).
Nistra. Walker: xvii. 488 (1859).
Tetracona. Meyrick: Trans. Ent. Soc., Lond., 1884, p. 307.

3305. Agrotera effertalis.

Ædiodes effertalis. Walker: xvii. 348.
Agrotera effertalis. Led.: Wien. Ent. Mon., vii. p. 439 (1863).
———— Moore: Lep. Ceylon, iii. p. 288 (1885).
———— S. and C.: Cat. Moths of India, v. 630. 4279 (1888).
———— Hampson: Ill. Typ. Lep. Het., B. M., ix. p. 173, pl. 174, f. 19 (1893).
———— Meyrick: Trans. Ent. Soc., Lond., 1894, pp. 6 and 461.
———— Hampson: Faun. Brit. Ind. Moths, iv. p. 266 (1896).
———— P. Z. S., Lond., 1898, p. 628.

Type. Ceylon, in B. M.
a. Sarawak, Borneo (Wallace).

3306. Agrotera basinotata.

Agrotera basinotata. Hmn.: Ill. Typ. Lep. Het., B. M., viii. p. 137, pl. 155, f. 13 (1891); ix. 50. 1310 (1893).
———— Faun. Brit. Ind. Moths, iv. p. 266 (1896).
———— P. Z. S., Lond., 1898, p. 629.
Ædiodes effertalis. Swinhoe (nec Walker): P. Z. S., Lond., 1885, p. 868.

Type. Nilgiri Hills, in B. M.

a. India.

3307. Agrotera cœlatalis.

Nistra cœlatalis. Walker: xvii. 488 (1859).
———— Moore: Lep. Ceylon, iii. p. 295, pl. 182, f. 10 (1885).
———— S. and C.: Cat. Moths of India, v. 644. 4365 (1888).
———— Hmn.: Ill. Typ. Lep. Het., B. M., ix. 50. 1313 (1893).
Agrotera cœlatalis. Hmn.: Faun. Brit. Ind. Moths, iv. p. 267 (1896).
———— P. Z. S., Lond., 1898, p. 630.
Botys (?) *proximalis.* Walker: xxxiv. 1434 (1865).

Type. Ceylon, in B. M.

a. Sula (type *proximalis*) (Wallace). b. Ceylon (2) (Thwaites).

3308. Agrotera scissalis.

Ædiodes scissalis. Walker: xxxiv. 1526 (1865).
Ætholix scissalis. Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 278.
Agrotera scissalis. Snellen: Trans. Ent. Soc., Lond., 1890, p. 630.
———— Hmn.: Ill. Typ. Lep. Het., B. M., viii. 39. 1084 (1891).
———— Faun. Brit. Ind. Moths, iv. p. 267 (1896).
———— P. Z. S., Lond., 1898, p. 628.

Type. Java, in B. M.

a. Bombay. b. Bangalore (Minchin).

3309. Agrotera mysolalis.

Ædiodes mysolalis. Walker: xxxiv. 1299 (1865).
Agrotera endoxantha. Hmn.: P. Z. S., Lond., 1898, p. 628, pl. 49, f. 26.

Type (*endoxantha*). New Guinea, in coll. Rothschild.

a. Mysol (type) (Wallace).

There has been some confusion as to this species. Walker described two insects under the name of *mysolalis*: *Desmia mysolalis*, Walker: xxxiv. 1294=*Piletocera ægimiusalis*, Led., and this species in the same vol. at p. 1299.

3310. Agrotera barcealis.

Leucinodes barcealis. Walker: xix. 942 (1859).
Agrotera barcealis. Hampson: Faun. Brit. Ind. Moths, iv. p. 268 (1896).
———— P. Z. S., Lond., 1898, p. 630.
Zebronia (?) *retractalis.* Walker: xxxiv. 1350 (1865).
Zebronia indecisalis. Walker: xxxiv. 1352.
Leucinodes opalina. Moore: Lep. Ceylon, iii. p. 289, pl. 179, f. 10 (1885).
———— S. and C.: Cat. Moths of India, v. 631. 4289 (1888).
Leucochroma opalina. Hmn.: Ill. Typ. Lep. Het., B. M., ix. 50. 1326 (1893).

Type (*opalina*). Ceylon, in B. M.
a. Sarawak, Borneo (type) (Wallace). b. Mysol (type *retractalis*) (Wallace). c. Sula (type *indecisalis*) (Wallace).

3311. Agrotera amathealis.

Ædiodes amathealis. Walker : xvii. 348 (1859).
Tetracona amathealis. Meyrick : Trans. Ent. Soc., Lond., 1884, p. 307.
Agrotera amathealis. Hampson : P. Z. S., Lond., 1898, p. 630.
Pyralis ornatalis. Walker : xxxiv. 1246 (1865).

Type. Moreton Bay, in B. M.
Type (*ornatalis*). Moreton Bay, in B. M.
a. Moreton Bay. b. Queensland.

GENUS **ÆTHOLIX.** Led. : Wien. Ent. Mon., vii. p. 437 (1863).

3312. Ætholix flavibasalis.

Ædiodes flavibasalis. Guen. : Delt. et Pyral., 193. 134 (1854).
——— Walker : xvii. 347 (1859). (♀ only.)
Ætholix flavibasalis. Led. : l. c., p. 438, pl. 17, f. 6.
——— Walker : xxxiv. 1321 (1865).
——— S. and C. : Cat. Moths of India, v. 630. 4277 (1888).
——— Hmn. : Ill. Typ. Lep. Het., B. M., ix. 50. 1308 (1893).
——— Meyrick : Trans. Ent. Soc., Lond., 1894, p. 461.
——— Hmn. : (part) Faun. Brit. Ind. Moths, iv. p. 269 (1896).
——— P. Z. S., Lond., 1898, p. 634.

a. Sarawak, Borneo (Wallace). b. New Guinea (Wallace).

3313. Ætholix cingalesa.

Ætholix cingalesa. Hampson : Ill. Typ. Lep. Het., B. M., ix. p. 173, pl. 174, f. 18 (1893).
Ædiodes flavibasalis. Walker (nec Guen.) : xvii. 347 (1859). (♂ only.)
——— Moore : Lep. Ceylon, iii. p. 287 (1885).
——— Hmn. : (part) Faun. Brit. Ind. Moths, iv. p. 269 (1896).
——— P. Z. S., Lond., 1898, p. 634.

Type. Ceylon, in B. M.
a. Ceylon (Thwaites).

GENUS **PAGYDA.** Walker : xvii. 487 (1859).

3314. Pagyda salvalis.

Pagyda salvalis. Walker : xvii. 487.
——— Moore : Lep. Ceylon, iii. p. 314, pl. 182, f. 6 (1886).
——— S. and C. : Cat. Moths of India, v. 638. 4330 (1888).
——— Snellen : Trans. Ent. Soc., Lond., 1890, p. 615.
——— Hmn. : Ill. Typ. Lep. Het., B. M., viii. 37. 1041 (1891); ix. 48. 1244 (1893).
——— Meyrick : Trans. Ent. Soc., Lond., 1894, pp. 10 and 467.
——— Hmn. : (part) Faun. Brit. Ind. Moths, iv. p. 270 (1896).
——— P. Z. S., Lond., 1898, p. 634.

Type. Ceylon, in B. M.
a. Ceylon (3) (Thwaites). b. Sarawak (Wallace).

3315. Pagyda pœasalis. Pl. VII. f. 24.

Botys pœasalis. Walker: xviii. 717 (1859).
Pagyda pœasalis. Hampson: P. Z. S., Lond., 1898, p. 636.

a. Sarawak, Borneo (type) (Wallace).

3316. Pagyda furcatalis. nov. Pl. VII. f. 12.

Pagyda furcatalis. Walker: MS.

♂ Ochreous, pectus pure white, wings with the transverse bands very thick and dark reddish ochreous, first band from costal third to centre of abdominal margin, second band from centre of costa (not touching it) to anal angle, third band from one third before apex of fore-wings curving inwards and stopping short below vein three, close to the second line, fourth band submarginal, arising from near band three below the costa, deeply curved outwards on fore-wings, less curved on hind-wings where it is nearer the margin.

Expanse of wings, $\frac{9}{10}$ inch.

a. New Guinea (type) (Wallace).

Differs from *salvalis*, Walker, and *botydalis*, Snellen, in being darker, bands thicker, the third band curving in to the second on fore-wings, and the peculiar shape of the submarginal band on both wings.

3317. Pagyda holonalis. nov. Pl. VII. f. 22.

♂ Ochreous, allied to *salvalis*, Walker, of the same colour and size, differs in having the third band on fore-wings bent a little outwards before the middle, and extending down towards the hinder angle where it nearly joins the submarginal band, which is more regular and more curved below the apex; the bands also are sinuous and not straight.

Expanse of wings, $\frac{9}{10}$ inch.

a. Sarawak, Borneo (type) (Wallace).

3318. Pagyda botydalis.

Pagyda botydalis. Snellen: Midd.-Sum., iv. Lep., p. 69, pl. 5, f. 9 (1880).
———— Hampson: Faun. Brit. Ind. Moths, iv. p. 271 (1896).
———— P. Z. S., Lond., 1898, p. 635.
Pagyda aurantialis. Hampson: Ill. Typ. Lep. Het., B. M., ix. p. 169, pl. 173, f. 17 (1893).

Type (*aurantialis*). Ceylon, in B. M.

a. Cherra Punji (2).

3319. Pagyda erythrias.

Omiodes erythrias. Meyrick: Trans. Ent. Soc., Lond., 1894, p. 457.
Pagyda erythrias. Hampson: P. Z. S., Lond., 1898, p. 636.

Type. Celebes, in B. M.

a. Flores (Wallace).

GENUS **SYNCLERA.** Led.: Wien. Ent. Mon., vii. p. 444 (1863).

3320. Synclera traducalis.

Eudioptis traducalis. Zeller: Caffr., p. 5 (1852).

Synclera traducalis. Led.: l. c.
———— Walker: xxxiv. 1367 (1865).
———— Moore: P. Z. S., Lond., 1867, p. 93.
———— Lep. Ceylon, iii. p. 316, pl. 182, f. 9 ♀ (1886).
———— S. and C.: Cat. Moths of India, v. 634. 4308 (1888).
———— Snellen: Trans. Ent. Soc., Lond., 1890, p. 636.
———— Hmn.: Ill. Typ. Lep. Het., B. M., ix. 47. 1240 (1893).
———— Baker: Trans. Ent. Soc., Lond., 1894, p. 47.
Pagyda traducalis. Hampson: Faun. Brit. Ind. Moths, iv. p. 272 (1896).
———— P. Z. S., Lond., 1898, p. 636.
Spilomela retinalis. Led.: l. c., i. p. 100 (1857).
Samea jarbusalis. Walker: xvii. 352 (1859).
Glyphodes univocalis. Walker: xvii. 499.
———— Butler: P. Z. S., Lond., 1881, p. 622.
———— Swinhoe: P. Z. S., Lond., 1884, p. 522; 1885, p. 872.
Zebronia (?) *cottalis.* Walker: xix. 964 (1859).

Type. Natal, in B. M.
Types (*jarbusalis* and *cottalis*). St. Domingo, in B. M.
Type (*univocalis*). Ceylon, in B. M.
a. India. b. Bombay. c. Khasia Hills.

3321. Synclera subtessellalis.

Botys subtessellalis. Walker: xxxiv. 1406 (1865).
———— Moore: P. Z. S., Lond., 1867, p. 97.
———— S. and C.: Cat. Moths of India, v. 597. 4077 (1888).
Synclera subtesselalis. Snellen: Trans. Ent. Soc., Lond., 1890, p. 636.
Pagyda subtessellalis. Hmn.: Faun. Brit. Ind. Moths, iv. p. 273 (1896).
———— P. Z. S., Lond., 1898, p. 630.

Type. Darjiling, in B. M.
a. India (2).

Genus **ERCTA.** Walker: xvii. 425 (1859).
Spanista. Led.: Wien. Ent. Mon., vii. p. 445 (1863) (præocc.).
Hydriris. Meyrick: Trans. Ent. Soc., Lond., 1885, p. 444.

3322. Ercta elutalis.

Cataclysta (?) *elutalis.* Walker: xvii. 448.
Hydriris elutalis. Meyrick: l. c., 1894, p. 468.
Ercta elutalis. Hampson: Faun. Brit. Ind. Moths, iv. p. 274 (1896).
———— P. Z. S., Lond., 1898, p. 637.
Pyralis aonisalis. Walker: xix. 911 (1859).
Botys bornealis. Felder: Reise Nov. Lep., pl. 135, f. 27 (1874).
Spanista pretiosalis. Snellen: Tijd. voor Ent., xxiii. p. 239 (1880); xxvii. p. 47, pl. 4, f. 9, 9 *a* (1884).

Type. Ceylon, in B. M.
Type (*aonisalis*). Sarawak Borneo, in B. M.
Type (*bornealis*). Borneo, in coll. Rothschild.
Type (*pretiosalis*). Celebes, in coll. Snellen.
a. Sarawak (Wallace).

3323. Erota ornatalis.

Asopia ornatalis. Dup.: Lep. Fr., viii. p. 207, pl. 223, f. 8 (1830).
Nymphula ornatalis. Herr.Schäff.: Eur.Schm.iv.p.10,pl.8,ff.52,53(1849).
Stenia ornatalis. Guen.: Delt. et Pyral., 247. 229 (1854).
——— Walker: xvii. p. 416 (1859).
Spanista ornatalis. Led.: Wien. Ent. Mon., vii. p. 446 (1863).
——— Staud. & W.: Cat., No. 279 (1871).
——— Snellen: Tijd. voor Ent., xv. p. 96 (1872).
——— Moore: Lep. Ceylon, iii. p. 297, pl. 181, f. 10 (1885).
——— Meyrick: Trans. Ent. Soc., Lond., 1887, p. 214.
——— S. and C.: Cat. Moths of India, v. 644. 4367 (1888).
Hydriris ornatalis. Meyrick: l. c., 1890, p. 463; 1894, p. 68.
Erota ornatalis. Hmn.: Faun. Brit. Ind. Moths, iv. p. 274 (1896).
——— P. Z. S., Lond., 1898, p. 637.
Botys saturnalis. Treit.: Schm. Eur., x. 3, p. 29 (1834).
Pyralis (?) *deciusalis.* Walker: xix. 905 (1859).
Botys (?) *invenustalis.* Walker: xxxiv. 1431 (1865).
Cataclysta fraterna. Butler: Ann. Mag. N. H. (4), xvi. p. 415 (1875).

Type (*deciusalis*). Ceylon, in B. M.
Type (*fraterna*). Natal, in B. M.
a. Ceram (type *invenustalis*) (Wallace). b. Bombay (2). c. Ceylon (Thwaites).

GENUS **CNAPHALOCROCIS.** Led.: Wien. Ent. Mon., vii. p. 384 (1863).

3324. Cnaphalocrocis medinalis.

Salbia medinalis. Guen.: Delt. et Pyral., 201. 148 (1854).
——— Walker: xvii. 361 (1859).
——— Led.: l. c., p. 381.
Cnaphalocrocis medinalis. Moore: Lep. Ceylon, iii. p. 281 (1885).
——— S. and C.: Cat. Moths of India, v. 603. 4118 (1888).
——— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 272.
——— Hmn.: Ill. Typ. Lep. Het., B. M., ix. 51. 1337 (1893).
——— Meyrick: Trans. Ent. Soc., Lond., 1894, pp. 9 & 467.
——— Hmn.: Faun. Brit. Ind. Moths, iv. p. 275 (1896).
——— P. Z. S., Lond., 1898, p. 638.
Botys rutilalis. Walker: xviii. 665 (1859).
——— Moore: Journ. Linn. Soc., Lond., Zool., xxi. p. 59 (1886).
Botys iolealis. Walker: xviii. 666.
——— Swinhoe: P. Z. S., Lond., 1885, p. 873.
Cnaphalocrocis iolealis. Walker: xxxiv. 1480 (1865).
Cnaphalocrocis jolinalis. Led.: l. c., p. 385, pl. 12, f. 7.
——— Snellen: Tijd. voor Ent., xxvi. p. 135 (1883).
——— Trans. Ent. Soc., Lond., 1890, p. 594.
Botys fasciculatalis. Walker: xxxiv. 1431.
Botys acerrimalis. Walker: xxxiv. 1449.

Type (*rutilalis*). Ceylon, in B. M.
Type (*iolealis*). Hong Kong, in B. M.
Type (*acerrimalis*). Java, in B. M.
a. New Guinea (type *fasciculatalis*) (Wallace). b. Sarawak, Borneo

(2) (Wallace). c. Mysol (Wallace). d. N. China. e. Nilgiri Hills.

3325. Cnaphalocrosis nurscialis.

Botys nurscialis. Walker: xviii. 724 (1859).
Cnaphalocrosis medinalis. Meyrick (nec. Guen.): Trans. Ent. Soc., Lond., 1887, p. 216; 1889, p. 514.
———— Hmn.: (part) Faun. Brit. Ind. Moths, iv. p. 275 (1896).
———— P. Z. S., Lond., 1898, p. 638.
Cnaphalocrocis rutilalis. Meyrick (nec Walker): Trans. Ent. Soc., Lond., 1884, p. 304; 1886, p. 235.

Type. Moreton Bay, in B. M.
a. Moreton Bay.

Genus **MARASMIA.** Led.: Wien. Ent. Mon., vii. p. 385 (1863).
Dolichosticha. Meyrick: Trans. Ent. Soc., Lond., 1884, p. 304.
Lasiacme. Warren: Ann. Mag. N. H. (6), xviii. p. 176 (1896).

3326. Marasmia venilialis.

Asopia venilialis. Walker: xvii. 373 (1859).
Dolichosticha venilialis. Meyrick: l. c., p. 305; 1887, p. 217; 1894, p. 9.
———— Moore: Lep. Ceylon, iii. p. 282 (1885).
———— S. and C.: Cat. Moths of India, v. 603. 4119 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 273.
———— Snellen: Trans. Ent. Soc., Lond., 1890, p. 595.
Marasmia venilialis. Hmn.: Ill. Typ. Lep. Het., B. M., ix. 51. 1339 (1893).
———— Faun. Brit. Ind. Moths, iv. p. 276 (1896).
———— P. Z. S., Lond., 1898, p. 638.
Botys marisalis. Walker: xviii. 717 (1859).
Dolichosticha marisalis. Meyrick: l. c., p. 10.
Marasmia cicatricosa. Led.: l. c., pl. 12, f. 8.
———— Walker: xxxiv. 1491 (1865).
Anaphalocrocis cicatricosa. Snellen: Tijd. voor Ent., xxvi. p. 135 (1883).
Marasmia ruralis. Meyrick (nec Walker): l. c., 1886, p. 235.

Type. Moreton Bay, in B. M.
Type (*marisalis*). Sarawak, in B. M.
a. Shillong.

Genus **EPIMIMA.** Meyrick: Trans. Ent. Soc., Lond., 1886, p. 235.

3327. Epimima trebiusalis.

Botys trebiusalis. Walker: xviii. 718 (1859).
Marasmia trebiusalis. Hmn.: Faun. Brit. Ind. Moths, iv. p. 276 (1896).
———— P. Z. S., Lond., 1898, p. 639.
Asopia socialis. Walker: xxxiv. 1306 (1865).
Epimima stereogona. Meyrick: l. c., p. 236.
———— Hampson: Ill. Typ. Lep. Het., B. M., viii. 40. 1104 (1891); ix. 51. 1338 (1893).

Type (*stereogona*). Fiji, in coll. Meyrick.

a. Sarawak, Borneo (type) (Wallace). b. Flores (type *socialis*) (Wallace). c. Sarawak (Wallace). d. Ceylon (3) (Thwaites).

The type specimen a is a male, not female as stated by Walker.

3328. Epimima trapezalis.

Salbia trapezalis. Guen.: Delt. et Pyral., 200. 145 (1854).
———— Walker: xvii. 360 (1859).
———— Led.: Wien. Ent. Mon., vii. p. 381 (1863).
Dolichosticha trapezalis. Meyrick: Trans. Ent. Soc., Lond., 1887, p. 217.
———— Hmn.: Ill. Typ. Lep. Het., B. M., viii. 40. 1105 (1891); ix. 51. 1342 (1893).
Marasmia trapezalis. Hmn.: Faun. Brit. Ind. Moths, iv. p. 277 (1896).
———— P. Z. S., Lond., 1898, p. 639.
Botys creonalis. Walker: xviii. 579 (1859).
Ravanca creonalis. Moore: Lep. Ceylon, iii. p. 284, pl. 180, f. 10 (1885).
———— Warren: P. Z. S., Lond., 1888, p. 334.
———— S. and C.: Cat. Moths of India, v. 603. 4121 (1888).
Botys neoclesalis. Walker: xviii. 635.
———— Swinhoe: P. Z. S., Lond., 1886, p. 460.
Botys suspicalis. Walker: xviii. 667.
Botys convectalis. Walker: xxxiv. 1411 (1865).
Cnaphalocrocis bifurcalis. Snellen: Tijd. voor Ent., xxiii. p. 219 (1880); xxvi. pl. 8, f. 5 (1883).
———— Swinhoe and Cotes: l. c., 4117.
Dolichosticha bifurcalis. Meyrick: l. c., 1886, p. 237.

Type (*creonalis*). St. Domingo, in B. M.
Type (*neoclesalis*). Cape, in B. M.
Type (*suspicalis*). Ceylon, in B. M.
Type (*convectalis*). South India, in B. M.
Type (*bifurcalis*). Celebes, in coll. Snellen.
a. India (Hearsay).

GENUS **RHIMPHALEA.** Led.: Wien. Ent. Mon., vii. p. 410 (1863).

3329. Rhimphalea trogusalis.

Botys trogusalis. Walker: xviii. 711 (1859).
Lepyrodes trogusalis. Meyrick: Trans. Ent. Soc., Lond., 1889, p. 513.
Rhimphalea trogusalis. Hmn.: Faun. Brit. Ind. Moths, iv. p. 278 (1896).
———— P. Z. S., Lond., 1898, p. 640.
Nausinoë trogalis. Meyrick: Trans. Ent. Soc., Lond., 1894, p. 469; 1897, p. 86.
Pinacia (?) *ocularis.* Felder: Reise Nov. Lep., pl. 136, f. 20 (1874).
Spilomela ommatalis. Snellen: Tijd. voor Ent., xxiii. p. 235 (1880); xxvii. p. 44, pl. 4, f. 5, 5 *a* (1884).
Botys (?) *megalopsalis.* S. and C. (nec Walker): Cat. Moths of India, v. 596. 4065 (1888).

Type (*ocularis*). Manilla, in coll. Rothschild.
Type (*ommatalis*). Celebes, in coll. Snellen.
a. Sarawak, Borneo (type) (Wallace).

3330. Rhimphalea megalopsalis.

Botys (?) *megalopsalis.* Walker: xxxiv. 1428 (1865).

Rhimphalea trogusalis. Hmn.: (part)Faun. Brit. Ind. Moths, iv. p. 278 (1896).
——————— P. Z. S., Lond., 1898, p. 640.

a. Malacca (type) (Wallace).

3331. Rhimphalea lindusalis.

Botys lindusalis. Walker: xviii. 712 (1859).
Rhimphalea lindusalis. Hampson: P. Z. S., Lond., 1898, p. 641.
Rhimphalea lindalis. Meyrick: Trans. Ent. Soc., Lond., 1887, p. 214.
Nausinoë lindalis. Meyrick: l. c., 1894, p. 469.

a. Sarawak, Borneo (type) (Wallace).

3332. Rhimphalea heranialis. Pl. VII. f. 17.

Botys heranialis. Walker: xviii. 714 (1859).
Rhimphalea heranialis. Hampson: (part) P. Z. S., Lond., 1898, p. 641.

a. Sarawak, Borneo (type ♀) (Wallace). b. Malacca ♂ (Wallace).

3333. Rhimphalea splendidalis. Pl. VII. f. 27.

Polythlipta splendidalis. Walker: xxxiv. 1490 (1865).
Rhimphalea heranialis. Hmn.: (part) P. Z. S., Lond., 1898, p. 641.

a. New Guinea (type ♂) (Wallace).

GENUS **PLATAMONIA.** Led.: Wien. Ent. Mon., vii. p. 427 (1863).
Bacotoma. Moore: Lep. Ceylon, iii. p. 282 (1885).

3334. Platamonia ampliatalis.

Platamonia ampliatalis. Led.: l. c., pl. 16, f. 6.
——————— Walker: xxxiv. 1487 (1865).
——————— Meyrick: Trans. Ent. Soc., Lond., 1894, p. 468.
Syngamia ampliatalis. Hampson: P. Z. S., Lond., 1898, p. 646.
Botys illatalis. Walker: xxxiv. 1436.

a. Sula (type *illatalis*) (Wallace). b. Morty (2) (Wallace).
c. New Guinea (Wallace.

3335. Platamonia abjungalis.

Botys abjungalis. Walker: xviii. 670 (1859).
Bacotoma abjungalis. Moore: Lep. Ceylon, iii. p. 282, pl. 180, f. 8 (1885).
——————— S. and C.: Cat. Moths of India, v. 611. 4111 (1888).
Platamonia abjungalis. Hmn.: Ill. Typ. Lep. Het., B. M., ix. 51. 1336 (1893).
Syngamia abjungalis. Hmn.: Faun. Brit. Ind. Moths, iv. p. 281 (1896).
Botys abjunctalis. Led.: Wien. Ent. Mon., vii. p. 376, pl. 11, f. 11 (1863).
Syngamia violata. Hampson: (part) P. Z. S., Lond., 1898, p. 645.

Type. Ceylon, in B. M.
a. Ceylon (4) (Thwaites).

3336. Platamonia camillusalis.

Botys camillusalis. Walker: xviii. 713 (1859).
Syngamia camillusalis. Hampson: P. Z. S., Lond., 1898, p. 646.
Platamonia camillalis. Meyrick: Trans. Ent. Soc., Lond., 1894, p. 468.

Type. Sarawak, Borneo, in B. M.
a. Sarawak (Wallace).

GENUS **SYNGAMIA**. Guen.: Delt. et Pyral., p. 187 (1854).
Æthaloëssa. Led.: Wien. Ent. Mon., vii. p. 435 (1863).
Chnaura. Led.: l. c.
Orphanostigma. Warren: Ann. Mag. N. H. (6), vi. p. 478 (1890).

3337. Syngamia latimarginalis.

Asopia latimarginalis. Walker: xvii. 370 (1859).
———— Swinhoe: P. Z. S., Lond., 1885, p. 868.
Hedylepta latimarginalis. Moore: Lep. Ceylon, iii. p. 277, pl. 178, f. 16 (1885).
———— S. and C.: Cat. Moths of India, v. 641. 4346 (1888).
Orphanostigma latimarginalis. Hmn.: Ill. Typ. Lep. Het., B. M., viii. 39. 1083 (1891); ix. 49. 1305 (1893).
Syngamia latimarginalis. Hmn.: (part) Faun. Brit. Ind. Moths, iv. p. 279 (1896).
———— P. Z. S., Lond., 1898, p. 645.

Type. Ceylon, in B. M.
a. Khasia Hills (2).

3338. Syngamia calidalis.

Glyphodes calidalis. Guen.: Delt. et Pyral., 294. 299 (1854).
———— Walker: xvii. 497 (1859).
———— Led.: Wien. Ent. Mon., vii. p. 432 (1863).
Æthaloëssa calidalis. Hmn.: Ill. Typ. Lep. Het., B. M., ix. 50. 1307 (1893).
Syngamia octavialis. Walker: xvii. 334.
Chnaura octavialis. Led.: l. c., p. 435, pl. 17, f. 4.
———— Walker: xxxiv. 1323 (1865).
———— Moore: P. Z. S., Lond., 1867, p. 90.
———— Lep. Ceylon, iii. p. 271 (1885).
———— Meyrick: Trans. Ent. Soc., Lond., 1886, p. 238.
———— S. and C.: Cat. Moths of India, v. 624. 4237 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 277.
Syngamia tiphalis. Walker: xvii. 335.
Syngamia secutalis. Walker: xxxiv. 1291.
Syngamia floridalis. Snellen (nec Zeller): Trans. Ent. Soc., Lond., 1890, p. 628.
———— Hmn.: (part) Faun. Brit. Ind. Moths, iv. p. 280 (1896).
———— P. Z. S., Lond., 1898, p. 644.

Type (*octavialis*). N. India, in B. M.
Type (*tiphalis*). Celebes, in B. M.
a. Cambodia, Siam (type *secutalis*) Mouhot. b. Aru (Wallace). c. New Guinea (Wallace). d. Sarawak (Wallace). e. India (2) (Hearsay). f. Nilgiri Hills. g. Ganjam (Minchin). h. Ceylon (2) (Thwaites). i. Celebes (Sydney Hickson).

GENUS **BOCCHORIS**. Moore: Lep. Ceylon, iii. p. 271 (1885).
Diastictis. Hübn.: Verz., p. 355 (1816) (præocc.).
Chabula. Moore: l. c., p. 317 (1886).
Didymostoma. Warren: Ann. Mag. N. H. (6), ix. p. 392 (1892).
Anomostictis. Warren: l. c., p. 434.

3339. Bocchoris inspersalis.

Botys inspersalis. Zeller: Caffr., p. 33 (1852).
Ædiodes inspersalis. Led.: Wien. Ent. Mon., vii. p. 434 (1863).
Bocchoris inspersalis. Moore: l. c., p. 272.
——————— S. and C.: Cat. Moths of India, v. 630. 4278 (1888).
——————— Hampson: Ill. Typ. Lep. Het., B. M., viii. 39. 1076 (1891); ix. 49. 1294 (1893).
——————— Meyrick: Trans. Ent. Soc., Lond., 1894, p. 9.
——————— Hmn.: Faun. Brit. Ind. Moths, iv. p. 284 (1896).
——————— P. Z. S., Lond., 1898, p. 654.
Desmia afflictalis. Guen.: Delt. et Pyral., p. 190, pl. 5, f. 4 (1854).
——————— Walker: xvii. 344 (1859).
Ædiodes bootanalis. Walker: xxxiv. 1298 (1865).

Type (*bootanalis*). Bhootan, in B. M.
a. Nilgiri Hills. b. Ceylon (2) (Thwaites).

3340. Bocchoris rotundalis.

Synclera rotundalis. Hmn.: Ill. Typ. Lep. Het., B. M., ix. p. 169, pl. 172. f. 23 (1893).
Bocchoris rotundalis. Hmn.: Faun. Brit. Ind. Moths, iv. p. 282 (1896).
——————— P. Z. S., Lond., 1898, p. 650.

Type. Ceylon, in B. M.
a. Indore (Hearsay).

3341. Bocchoris onychinalis.

Asopia onychinalis. Guen.: Delt. et Pyral., 205. 158 (1854).
——————— Walker: xvii. 369 (1859).
——————— S. and C.: Cat. Moths of India, v. 626. 4257 (1888).
Synclera onychinalis. Snellen: Tijd. voor Ent., xxvii. p. 45 (1884).
——————— Meyrick: Trans. Ent. Soc., Lond., 1887, p. 214.
——————— Snellen: Trans. Ent. Soc., Lond., 1890, p. 636.
——————— Hmn.: Ill. Typ. Lep. Het., B. M., viii. 37. 1040 (1891).
Nausinoë onychinalis. Meyrick: l. c., 1894, p. 10.
Bocchoris onychinalis. Hmn.: Faun. Brit. Ind. Moths, iv. p. 283 (1896).
——————— P. Z. S., Lond., 1898, p. 651.
Zebronia (?) *braurealis.* Walker: xix. 971 (1859).
Synclera braurealis. Moore: Lep. Ceylon, iii. p. 316 (1886).
——————— Meyrick: l. c., 1887, p. 213.
——————— Swinhoe and Cotes: l. c., 633. 4303.
Lepyrodes astomalis. Felder: Reise Nov. Lep., pl. 135, f. 22 (1874).
Glyphodes astomalis. Meyrick: l. c., 1886, p. 224.

Type (*braurealis*). Ceylon, in B. M.
Type (*astomalis*). Knysna, S. Africa, in coll. Rothschild.
a. Sarawak, Borneo (Wallace). b. Bangalore (Minchin).
c. Bombay.

3342. Bocchoris acamasalis.

Zebronia (?) *acamasalis.* Walker: xix. 970 (1859).
Chabula acamasalis. Moore: Lep. Ceylon, iii. p. 317 (1886).
——————— S. and C.: Cat. Moths of India, v. 637. 4328 (1888).
——————— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 281.
Bocchoris acamasalis. Hmn.: Faun. Brit. Ind. Moths, iv. p. 284 (1896).
——————— P. Z. S., Lond., 1898, p. 651.

Zebronia perspicualis. Walker: xxxiv. 1347 (1865).
Lepyrodes perspicualis. Moore: P. Z. S., Lond., 1867, p. 91.
Salbia (?) *perspicualis.* Butler: P. Z. S., Lond., 1883, p. 167.
———— Swinhoe: P. Z. S., Lond., 1885, p. 870.
Botys (?) *flexissimalis.* Walker: xxxiv. 1426.
Heterocnephes strangulalis. Snellen: Tijd. voor Ent., xxiii. p. 224 (1880); xxvii. p. 35, pl. 3, f. 1, 1 *a* (1884).

Type (*perspicualis*). S. India, in B. M.
a. India (type). b. Flores (type *flexissimalis*) (Wallace).
c. Ceylon (2) (Thwaites).

3343. Bocchoris telphusalis.

Glyphodes (?) *telphusalis.* Walker: xix. 974 (1859).
Bocchoris telphusalis. Hmn.: Faun. Brit. Ind. Moths, iv. p. 284 (1896).
———— P. Z. S., Lond., 1898, p. 651.
Heterocnephes reniferalis. Snellen: Trans. Ent. Soc., Lond., 1890, p. 616.
Glyphodes uncinalis. Pag.: J. B. Nass. Ver., xxxvii. p. 273, pl. 7, f. 6 (1884).

Type (*reniferalis*). Sikkim, in coll. Elwes.
a. Sarawak, Borneo (type) (Wallace). b. Khasia Hills. c. India (2) (Hearsay).

A common form in the Khasia Hills, probably only a seasonal form of *acamasalis*.

3344. Bocchoris terealis.

Glyphodes terealis. Walker: xvii. 503 (1859).
Bocchoris terealis. Hmn.: P. Z. S., Lond., 1898, p. 651.
a. Sarawak, Borneo (type) (Wallace).

3345. Bocchoris aptalis.

Botys aptalis. Walker: xxxiv. 1425 (1865).
Bocchoris aptalis. Hmn.: Faun. Brit. Ind. Moths, iv. p. 286 (1896).
———— P. Z. S., Lond., 1898, p. 653.
Samea usitata. Butler: Ill. Typ. Lep. Het., B.M., iii. p. 74, pl. 59, f. 3 (1879).
Pyrausta platycapua. Meyrick: Trans. Ent. Soc., Lond., 1897, p. 90.

Type (*usitata*). Yokohama, in B. M.
Type (*platycapua*). Sangir Island, in B. M.
a. Mysol (type) (Wallace).

3346. Bocchoris adipalis.

Botys adipalis. Led.: Wien. Ent. Mon., vii. p. 475, pl. 11, f. 16 (1863).
———— Walker: xxxiv. 1437 (1865).
Bocchoris adipalis. Hmn.: Faun. Brit. Ind. Moths, iv. p. 286 (1896).
———— P. Z. S., Lond., 1898, p. 652.
Botys notatalis. Walker: xxxiv. 1437.
Samea cuprinalis. Moore: P. Z. S., Lond., 1877, p. 615.
———— S. and C.: Cat. Moths of India, v. 625. 4243 (1888).
Mimorista marginalis. Warren: Ann. Mag. N. H. (6), xviii. p. 114 (1896).

Type. Amboina, in B. M.
Type (*cuprinalis*). Port Blair, in B. M.
Type (*marginalis*). Khasia Hills, in coll. Rothschild.
a. Mysol (type *notatalis*) (Wallace). b. Cherra Punji.
The type specimen of *notatalis* is a male, not female as stated by Walker.

Genus **ANISOCTENA.** Meyrick: Trans. Ent. Soc., Lond., 1894, p. 455.

3347. Anisoctena synomotis.

Anisoctena synomotis. Meyrick: l. c., p. 456.
Pilocrocis synomotis. Hampson: P. Z. S., Lond., 1898, p. 656.
Type. Celebes, in coll. Elwes.
a. Sula (Wallace).

Genus **LOTANGA.** Moore: Lep. Ceylon, iii. p. 344 (1886).

3348. Lotanga barcalis.

Botys barcalis. Walker: xix. 1001 (1859).
Nacoleia barcalis. Hampson: Faun. Brit. Ind. Moths, iv. p. 313 (1896).
Pilocrosis barcalis. Hampson: P. Z. S., Lond., 1898, p. 657.
Deba milvinalis. Swinhoe: P. Z. S., Lond., 1885, p. 875, pl. 57, f. 2.
Lotanga milvinalis. Moore: l. c., pl. 183, f. 11.
———— S. and C.: Cat. Moths of India, v. 610. 4162 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 273.
———— Hmn.: Ill. Typ. Lep. Het., B. M., viii. 38. 1067 (1891).
Type (*milvinalis*). Bombay, in B. M.
a. Sarawak, Borneo (type) (Wallace). b. Flores (Wallace).

3349. Lotanga anigrusalis. Pl. VI. f. 26.

Botys anigrusalis. Walker: xviii. 682 (1859).
Pilocrocis anigrusalis. Hampson: P. Z. S., Lond., 1898, p. 657.
Type. Sarawak, Borneo, in B. M.
a. Sarawak (2) (Wallace).

3350. Lotanga confixalis. Pl. VIII. f. 18.

Botys confixalis. Walker: xxxiv. 1430 (1865).
Pilocrocis confixalis. Hampson: P. Z. S., Lond., 1898, p. 659.
Botys conjunctalis. Walker: xxxiv. 1437.
a. New Guinea (type) (Wallace). b. Sula (type *conjunctalis*) (Wallace). c. New Guinea (Wallace).
The type specimen is a male, not female as stated by Walker.

Genus **PSEUDANALTHES.** Warren: Ann. Mag. N. H. (6), vi. p. 477 (1890).

3351. Pseudanalthes idyalis.

Botys idyalis. Walker: xix. 996 (1859).

Botys idyalis. Swinhoe: P. Z. S., Lond., 1885, p. 874.
Analtes idyalis. Moore: Lep. Ceylon, iii. p. 319, pl. 183, f. 5 (1886).
———— S. and C.: Cat. Moths of India, v. 603. 4116 (1888).
———— Snellen: Trans. Ent. Soc., Lond., 1890, p. 618.
———— Meyrick: Trans. Ent. Soc., Lond., 1894, p. 460.
Pseudanalthes idyalis. Warren: l. c.
Pseudanaltes idyalis. Hmn.: Ill. Typ. Lep. Het., B. M., ix. 49. 1272 (1893).
Ulopeza idyalis. Hmn.: Faun. Brit. Ind. Moths, iv. p. 287 (1896).
———— P. Z. S., Lond., 1898, p. 661.
Botys disjunctalis. Walker: xxxiv. 1408 (1865).
Analtes disjunctalis. Moore: l. c., p. 319.
———— Swinhoe and Cotes: l. c., 602. 4115.
Pseudanaltes disjunctalis. Hampson: Ill. Typ. Lep. Het., B. M., viii. 38. 1069 (1891).

Type. Ceylon, in B. M.
Type (*disjunctalis*). South India, in B. M.
a. Ceylon (Thwaites). b. Barrackpur (Minchin).

3352. Pseudanalthes semivialis.

Patania semivialis. Moore: Descr. Ind. Lep. Atk., p. 209, pl. 7, f. 6 (1888).
———— S. and C.: Cat. Moths of India, v. 633. 4300 (1888).
Nosophora (?) semivialis. Snellen: Trans. Ent. Soc., Lond., 1890, p. 618.
Ulopeza semivialis. Hmn.: Faun. Brit. Ind. Moths, iv. p. 288 (1896).
———— P. Z. S., Lond., 1898, p. 661.

Type. Darjiling, in coll. Staudinger.
a. India.

Genus **NOSOPHORA.** Led.: Wien. Ent. Mon., vii. p. 683 (1863).

3353. Nosophora conjunctalis.

Nosophora conjunctalis. Walker: xxxiv. 1483 (1865).
———— Hmn.: Faun. Brit. Ind. Moths, iv. p. 289 (1896).
———— P. Z. S., Lond., 1898, p. 662.
Nosophora chironalis. Led. (nec Walker): l. c., p. 407, pl. 14, f. 13 (1863).
———— Walker: xxxiv. 1483.
———— Meyrick: Trans. Ent. Soc., Lond., 1887, p. 225.
Nosophora ochnodes. Meyrick: Proc. Linn. Soc., N. S. W., 1886, p. 255.
———— Meyrick: Trans. Ent. Soc., Lond., 1894, p. 460.
Eidama clavipalpalis. Walker: MS.

a. Flores (type) (Wallace). b. New Guinea (Wallace).

3354. Nosophora chironalis. Pl. VIII. f. 26.

Botys chironalis. Walker: xviii. 683 (1859).
Nosophora chironalis. Hmn.: (part) Faun. Brit. Ind. Moths, iv. p. 289 (1896).
———— P. Z. S., Lond., 1898, p. 662.

a. Sarawak, Borneo (type) (Wallace). b. Singapore (Horsley).
Hampson sinks *Nagia incomitata*, Swinhoe, to this species, the type of which was a female, but I now have both sexes, and it does not belong to this genus.

GENUS **ANALTHES.** Led.: Wien. Ent. Mon., vii. pp. 407 and 502 (1863).

Eidama. Walker: xxxiv. 1374 (1865).

3355. Analthes semitritalis.

Analtes semitritalis. Led.: l. c., p. 407, pl. 14, f. 14.
———— Walker: xxxiv. 1487.
———— Snellen: Trans. Ent. Soc., Lond., 1890, p. 618.
Analthes semitritalis. Meyrick: Trans. Ent. Soc., Lond., 1894, p. 460.
Nosophora semitritalis. Hmn.: Faun. Brit. Ind. Moths, iv. p. 291 (1896).
———— P. Z. S., Lond., 1898, p. 663.
Botys (?) *palpalis.* Walker: xxxiv. 1430.

Type (*palpalis*). Mysol, in B. M.

a. Mysol (2) (Wallace).

The spelling of the genus *Analthes* was corrected by Lederer at p. 502, and should therefore be *Analthes* and not *Analtes*.

3356. Analthes euspilalis. Pl. VIII. f. 4.

Analtes euspilalis. Walker: xxxiv. 1489 (1865).
Nosophora euspilalis. Hampson: P. Z. S., Lond., 1898, p. 662.

a. New Guinea (type) (Wallace).

3357. Analthes hypsalis. Pl. VII. f. 19.

Eidama hypsalis. Walker: xxxiv. 1374 (1865).
Nosophora hypsalis. Hampson: P. Z. S., Lond., 1898, p. 663.

a. Aru (type) (Wallace).

3358. Analthes althealis.

Botys althealis. Walker: xviii. 697 (1859).
Analtes althealis. Walker: xxxiv. 1487 (1865).
Nosophora althealis. Hmn.: Faun. Brit. Ind. Moths, iv. p. 290 (1896).
———— P. Z. S., Lond., 1898, p. 663.
Analtes congenitalis. Walker: xxxiv. 1488.
Nosophora quadrisignata. Moore: Lep. Ceylon, iii. p. 320, pl. 183, f. 6. (1886).
———— S. and C.: Cat. Moths of India, v. 605. 4128 (1888).

Type (*quadrisignata*). Ceylon, in B. M.

a. Sarawak, Borneo (type) (Wallace). b. Sarawak (Wallace). c. New Guinea (Wallace). d. Ceylon (2) (Thwaites). e. Mysol (type ♀ *congenitalis*) (Wallace). f. Sula (Wallace). g. Singapore (Horsley).

GENUS **NOTHOSALBIA.** nov.

Antennæ of male with a knot at one-third from base, excised, the shaft above swollen and furnished with rough scales: abdomen with a large bi-lobed corneous valve on the underside from the base; venation as in *Chalcidoptera*, Butler.

3359. Nothosalbia straminalis.

Salbia straminalis. Guen.: Delt. et Pyral., 200. 146 (1854).

Salbia straminalis. Walker: xvii. 360 (1859).
——— S. and C.: Cat. Moths of India, v. 633. 4302 (1888).
Chalcidoptera straminalis. Hmn.: Faun. Brit. Ind. Moths, iv. p. 291 (1896).
——— P. Z. S., Lond., 1898, p. 664.
Synclera nemoralis. Swinhoe: P. Z. S., Lond., 1889, p. 421, pl. 44, f. 6.

Type (*nemoralis*). Solon, Simla, in B. M.
a. India (2) (Hearsay).

Genus **CHALCIDOPTERA.** Butler: Ann. Mag. N. H. (5), xx. p. 119 (1887).

Euthalantha. Snellen: Tijd. voor Ent., xxxvii. p. 42 (1894).

3360. Chalcidoptera emissalis.

Botys emissalis. Walker: xxxiv. 1421 (1865).
Chalcidoptera emissalis. Hmn.: Faun. Brit. Ind. Moths, iv. p. 293 (1896).
——— P. Z. S., Lond., 1898, p. 665.
Analthes (?) *crinipes.* Felder: Reise Nov. Lep., pl. 134, f. 43 (1874).
Chalcidoptera rubra. Butler: l. c., p. 120.
Analthes pyrrhocosma ♀. Meyrick: Trans. Ent. Soc., Lond., 1894, p. 460.

Type (*rubra*). Alu, in B. M.
Type (*crinipes*). Amboina, in coll. Rothschild.
Type (*pyrrhocosma*). S. E. Borneo, in coll. Elwes.
a. Aru (type ♀) (Wallace).

Sub-Family PINACIINÆ.

Genus **SYLORA.** nov.

Allied to the Genus *Cydalina*, Led., differs in the male, having two teeth on base of shaft of the antennæ with a sinus between them: fore-wing with a tuft of hair enclosed in a costal fold.

3361. Sylora cirralis.

Sisyrophora cirralis. Swinhoe: Ann. Mag. N. H. (6), xix. p. 170 (1897).
Caprinia cirrhalis. Hampson: P. Z. S., Lond., 1898, p. 668.

Type. South Borneo, in B. M.
a. Singapore (Horsley).

Genus **ULIOCOME.** nov.

Differs from the Genus *Caprinia* in having the base of shaft of the antennæ in the male excised; fore-wing with a tuft of long hair enclosed in the costal fold.

3362. Uliocome diaphanalis.

Margaronia diaphanalis. Walker: xxxiv. 1365 (1865).
——— Meyrick: Trans. Ent. Soc., Lond., 1894, p. 456.
Margarodes diaphanalis. Meyrick: l. c., 1887, p. 209.
Caprinia diaphanalis. Hmn.: Faun. Brit. Ind. Moths, iv. p. 294 (1896).
——— P. Z. S., Lond., 1898, p. 668.

Botys margaronialis. Walker: xxxiv. 1442.
Margaronia plumifera. Butler: Ann. Mag. N. H. (5), x. p. 236 (1882).
Type (*margaronialis*). Java, in B. M.
Type (*plumifera*). New Britain, in B. M.
a. Aru (type) (Wallace).

Genus **CYDALIMA.** Led.: Wien. Ent. Mon., vii. p. 397 (1863).

3363. Cydalima conchylalis.

Margarodes conchylalis. Guen.: Delt. et Pyral., p. 303, pl. 8, f. 9 (1854).
Margaronia conchylalis. Walker: xviii. 529 (1859).
Cydalima conchylalis. Led.: l. c.
———— Walker: xxxiv. 1369 (1865).
———— Moore: P. Z. S., Lond., 1867, p. 94; 1878, p. 850.
———— Swinhoe: P. Z. S., Lond., 1885, p. 871.
———— Moore: Lep. Ceylon, iii. p. 326 (1886).
———— S. and C.: Cat. Moths of India, v. 617. 4200 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 279.
———— Snellen: Trans. Ent. Soc., Lond., 1890, p. 606.
———— Hampson: Ill. Typ. Lep. Het., B. M., viii. 37. 1024 (1891); ix. 47. 1218 (1893).
Caprinia conchylalis. Hampson: Faun. Brit. Ind. Moths, iv. p. 295 (1896).
———— P. Z. S., Lond., 1898, p. 668.
a. India (2) (Hearsay). b. Bombay. c. Ceylon (2) (Thwaites).
d. Sarawak, Borneo (Wallace).

Genus **CAPRINIA.** Led.: Wien. Ent. Mon., vii. p. 478 (1863).

3364. Caprinia felderi.

Caprinia felderi. Led.: l. c., pl. 13, f. 8.
———— Walker: xxxiv. 1366 (1865).
———— Meyrick: Trans. Ent. Soc., Lond., 1894, p. 468.
———— Hampson: Faun. Brit. Ind. Moths, iv. p. 294 (1896).
———— P. Z. S., Lond., 1898, p. 668.
a. Ceram (Wallace).

3365. Caprinia conglobatalis. Pl. VI. f. 17.

Botys conglobatalis. Walker: xxxiv. 1421 (1865).
Caprinia conglobatalis. Hampson: P. Z. S., Lond., 1898, p. 668.
a. Flores (type) (Wallace).

Genus **PINACIA.** Hübn.: Zuträge, iv. p. 15 (1832).
Filodes. Guen.: Delt. et Pyral., p. 317 (1854).
Auxomitia. Led.: Wien. Ent. Mon., vii. p. 391 (1863).

3366. Pinacia fulvidorsalis.

Pinacia fulvidorsalis. Hübn.: l. c., figs. 643. 644.
———— Hmn.: Ill. Typ. Lep. Het., B. M., viii. 37. 1022 (1891).
———— Meyrick: Trans. Ent. Soc., Lond., 1894, p. 468.

Filodes fulvidorsalis. Guen.: l. c.
——— Led.: l. c., pl. 12, f. 17.
——— Moore: P. Z. S., Lond., 1867, p. 95.
——— Snellen: Tijd. voor Ent., xxvi. p. 137 (1883).
——— Moore: Lep. Ceylon, iii. p. 331, pl. 182, f. 2, 2 *a* (1886).
——— S. and C.: Cat. Moths of India, v. 621. 4220 (1888).
——— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 280.
——— Snellen: Trans. Ent. Soc., Lond., 1890, p. 601.
——— Meyrick: l. c., p. 10.
——— Hmn.: Faun. Brit. Ind. Moths, iv. p. 297 (1896).
——— P. Z. S., Lond., 1898, p. 672.
Englyphis fulvidorsalis. Walker: xviii. 539 (1859).
——— Swinhoe: P. Z. S., Lond., 1885, p. 872.
Auxomitia mirificalis. Led.: l. c., pl. 13, f. 1.
——— Walker: xxxiv. 1370 (1865).
——— Moore: P. Z. S., Lond., 1867, p. 619.
Filodes mirificalis. Moore: Lep. Ceylon, iii. p. 331.
——— Swinhoe and Cotes: l. c., 4221.
Filodes patruelis. Moore: Descr. Ind. Lep. Atk., p. 218 (1888).
——— Swinhoe and Cotes: l. c., 4224.

Type (*patruelis*). Calcutta, in coll. Staudinger.
a. Khasia Hills (3). b. Assam (Jenkins).

3367. Pinacia sexpunctalis.

Filodes sexpunctalis. Snellen: Trans. Ent. Soc., Lond., 1890, p. 603.
——— Hampson: Faun. Brit. Ind. Moths, iv. p. 297 (1896).
——— P. Z. S., Lond., 1898, p. 672.
Euglyphis fulvidorsalis, var. β. Walker: xviii. 539 (1859).

Type. Darjiling, in coll. Elwes.
a. India.

3368. Pinacia xanthalis.

Filodes xanthalis. Hampson: P. Z. S., Lond., 1898, p. 672, pl. L, f. 11.
Euglyphis circumdatalis. Walker: MS.

Type. New Guinea, in B. M.
a. New Guinea (Wallace).

GENUS **TYSPANODES.** Warren: Ann. Mag. N. H. (6), vii. p. 425 (1891).

3369. Tyspanodes striata.

Astura striata. Butler: Ill. Typ. Lep. Het., B. M., iii. p. 76, pl. 59, f. 10 (1879).
Tyspanodes striata. Hampson: P. Z. S., Lond., 1898, p. 673.

Type. Yokohama, in B. M.
a. Japan.

3370. Tyspanodes exathesalis. Pl. VI. f. 16.
Euglyphis exathesalis. Walker: xix. 978 (1859).

Tyspanodes exathesalis. Hampson: P. Z. S., Lond., 1898, p. 673.
a. Sarawak, Borneo (type) (Wallace).

Genus **EUGLYPHIS.** Hübn.: Verz., p. 341 (1816).
Nevrina. Guen.: Delt. et Pyral., p. 313 (1854).

3371. Euglyphis procopia.

Phalæna Pyralis procopia. Cram.: Pap. Exot., iv. p. 152, pl. 368, f. E (1782).
Nevrina procopia. Led.: Wien. Ent. Mon., vii. p. 395 (1863).
——————— Snellen: Trans. Ent. Soc., Lond., 1890, p. 606.
——————— Hmn.: Faun. Brit. Ind. Moths, iv. p. 300 (1896).
——————— Meyrick: Trans. Ent. Soc., Lond., 1897, p. 86.
——————— Hampson: P. Z. S., Lond., 1898, p. 676.
Neurina procopia. Moore: Lep. Ceylon, iii. p. 330, pl. 182, f. 1 (1886).
——————— S. and C.: Cat. Moths of India, v. 620. 4219 (1888).
Euglyphis procopia. Hampson: Ill. Typ. Lep. Het., B. M., ix. 46. 1214 (1893).
Nevrina procopialis. Guen.: l. c., 314. 342.
Euglyphis procopialis. Hübn.: l. c.
——————— Walker: xviii. 538 (1859).
——————— Moore: P. Z. S., Lond., 1867, p. 95; 1878, p. 850.
a. India. b. Assam (Jenkins). c. Ceylon (4) (Thwaites).
d. Singapore (Wallace). e. Java (Horsfield).

Genus **CONDEGA.** Moore: Lep. Ceylon, iii. p. 344 (1886).

3372. Condega radicalis.

Botys radicalis. Walker: xxxiv. 1417 (1865).
Coptobasis radicalis. Meyrick: Trans. Ent. Soc., Lond., 1894, p. 457.
Phryganodes radicalis. Hampson: P. Z. S., Lond., 1898, p. 678.
a. New Guinea (type) (Wallace).

Genus **SPARGETA.** Led.: Wien. Ent. Mon., vii. p. 406 (1863).

3373. Spargeta basalticalis.

Spargeta basalticalis. Led.: l. c., pl. 14, f. 11.
——————— Walker: xxxiv. 1490 (1865).
Phryganodes basalticalis. Hampson: P. Z. S., Lond., 1898, p. 678.
Botys amplipennis. Butler: Ann. Mag. N. H. (5), x. p. 237 (1882).
Type (*amplipennis*). New Britain, in B. M.
a. Aru (Wallace).

Genus **SAROSCELIS.** Meyrick: Trans. Ent. Soc., Lond., 1894, p. 461.

3374. Saroscelis nicoalis. Pl. VIII. f. 3.
Botys nicoalis. Walker: xviii. 700 (1859).

Saroscelis nicoalis. Meyrick: l. c.
Phryganodes nicoalis. Hampson: P. Z. S., Lond., 1898, p. 680.
a. Sarawak, Borneo (type) (Wallace).

Genus **PARBOKLA.** nov.

Differs from *Saroscelis*, Meyrick, to which it is otherwise closely allied, in the hind-legs of the male having large tufts of hair from the origin of coxæ.

3375. Parbokla diffusimarginalis.

Phryganodes diffusimarginalis. Hampson: P. Z. S., Lond., 1898, p. 680.
Type. Pulo Laut, in B. M.
a. Sarawak, Borneo (Wallace).

Genus **ŒDEMATARCHA.** nov.

Fore-wings of male elongate, narrow: the costa bisinuate: the apex blunt and upcurved: hind-wing obliquely curved and slightly excised below apex: cell of fore-wing with a bed of thick hair and with a fringe of hair from the costa over it: the cell above appearing swollen and the veins somewhat distorted: antennæ strongly and regularly ciliated.

3376. Œdematarcha xipharesalis. Pl. VIII. f. 30.

Botys xipharesalis. Walker: xviii. 687 (1859).
Phryganodes xipharesalis. Hampson: P. Z. S., Lond., 1898, p. 683.
a. Sarawak, Borneo (type) (Wallace).

Genus **OMIODES.** Guen.: Delt. et Pyral., p. 355 (1854).
Charema. Moore: Descr. Ind. Lep. Atk., p. 218 (1888).

3377. Omiodes noctescens.

Charema noctescens. Moore: l. c.
———— S. and C.: Cat. Moths of India, v. 623. 4235 (1888).
Omiodes noctescens. Snellen: Trans. Ent. Soc., Lond., 1890, p. 619.
Phryganodes noctescens. Hmn.: Faun. Brit. Ind. Moths, iv. p. 303 (1896).
———— Hampson: P. Z. S., Lond., 1898, p. 683.
Type. Darjiling, in B. M.
a. Cherra Punji.

3378. Omiodes analis.

Omiodes analis. Snellen: Tijd. voor Ent., xxiii. p. 227 (1880); xxvii. p. 37 (1883).
———— Trans. Ent. Soc., Lond., 1890, p. 619.
Phryganodes analis. Hmn.: Faun. Brit. Ind. Moths, iv. p. 304 (1896).
———— P. Z. S., Lond., 1898, p. 684.
Charema albociliata. Moore: Descr. Ind. Lep. Atk., p. 219 (1888).
———— S. and C.: Cat. Moths of India, v. 623. 4232 (1888).

Omiodes hiracia. Meyrick: Trans. Ent. Soc., Lond., 1894, p. 457.

Type (*albociliata*). Calcutta, in B. M.

Type (*hiracia*). Pulo Laut, in coll. Elwes.

a. Nilgiri Hills.

3379. Omiodes crithonalis.

Botys crithonalis. Walker: xviii. 682 (1859).

Phryganodes crithonalis. Hmn.: Faun. Brit. Ind. Moths, iv. p. 304 (1896).

———————— P. Z. S., Lond., 1898, p. 684.

Polythlipta caradrinalis. Snellen: Tijd. voor Ent., xxxv. p. 162, pl. 10, f. 7 (1892).

a. Sarawak, Borneo (type) (Wallace).

GENUS **EPORIDIA.** Walker: xviii. 541 (1859).

Cœnostola. Led.: Wien. Ent. Mon., vii. p. 408 (1863).

3380. Eporidia dispilotalis.

Analtes dispilotalis. Walker: xxxiv. 1487 (1865).

Phrygonodes dispilotalis. Hampson: P. Z. S., Lond., 1898, p. 685.

Cœnostola pallicostalis. Snellen: Tijd. voor Ent., xxiii. p. 226 (1880); xxvii. p. 36, pl. 3, f. 3, 3 *a* (1884).

Conogethes lictor. Meyrick: Trans. Ent. Soc., Lond., 1887, p. 227.

a. Sula (type) (Wallace).

3381. Eporidia glyphodalis.

Botys glyphodalis. Walker: xxxiv. 1488 (1865).

Phryganodes glyphodalis. Hmn.: Faun. Brit. Ind. Moths, iv. p. 301 (1896).

———————— P. Z. S., Lond., 1898, p. 685.

a. Sula (type) (Wallace).

3382. Eporidia unitalis.

Botys unitalis. Guen.: Delt. et Pyral., 349. 411 (1854).

———————— Walker: xviii. 655 (1859).

———————— Moore: P. Z. S., Lond., 1867, p. 96; 1878, p. 850.

———————— S. and C.: Cat. Moths of India, v. 597. 4080 (1888).

Charema unitalis. Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 269.

———————— Hmn.: Ill. Typ. Lep. Het., B. M., viii. 38. 1066 (1891).

Phryganodes unitalis. Hmn.: (part) Faun. Brit. Ind. Moths, iv. p. 301 (1896).

———————— P. Z. S., Lond., 1898, p. 685.

Botys megapteralis. Walker: xxxiv. 1407 (1865).

Pachynoa megapteralis. Swinhoe and Cotes: l. c., 610. 4165.

a. Ceram (type *megapteralis*) (Wallace). b. Ceram (Wallace).

3383. Eporidia opalinalis.

Botys opalinalis. Moore: P. Z. S., Lond., 1877, p. 620.

———————— Snellen: Trans. Ent. Soc., Lond., 1890, p. 590.

Pachynoa opalinalis. S. and C.: Cat. Moths of India, v. 610. 4166 (1888).

Phryganodes unitalis. Hmn.: (part) Faun. Brit. Ind. Moths, iv. p. 301 (1896).

———————— P. Z. S., Lond., 1898, p. 685.

Type. Port Blair, in coll. Moore.

a. Darjiling.

3384. Eporidia germanalis.

Botys germanalis. Walker: xxxiv. 1418 (1865).
Phryganodes unitalis. Hampson: (part) P. Z. S., Lond., 1898, p. 685.

a. New Guinea (type) (Wallace).

3385. Eporidia schediusalis.

Botys schediusalis. Walker: xviii. 683 (1859).
Phryganodes schediusalis. Hmn.: (part) Faun. Brit. Ind. Moths, iv. p. 301 (1896).
———————— P. Z. S., Lond., 1889, p. 686.

a. Sarawak, Borneo (type) (Wallace).

Genus **OLIGOCENTRIS.** Hampson: Faun. Brit. Ind. Moths, iv. p. 304 (1896).

3386. Oligocentris deciusalis.

Botys deciusalis ♀. Walker: xviii. 696 (1859).
———————— ♂. Walker: xix. 994 (1859).
Lotanga deciusalis. Moore: Lep. Ceylon, iii. p. 344 (1886).
———————— S. and C.: Cat. Moths of India, v. 610. 4161 (1888).
———————— Hmn.: Ill. Typ. Lep. Het., B. M., ix. p. 172, pl. 173, f. 13 (1893).
Oligocentris deciusalis. Hmn.: Faun. Brit. Ind. Moths, iv. p. 305 (1896).
———————— P. Z. S., Lond., 1898, p. 687.
Notarcha decialis. Meyrick: Trans. Ent. Soc., Lond., 1894, p. 463.

Type ♂. Ceylon, in B. M.

a. Sarawak, Borneo (type ♀) (Wallace).

Sub-Family DICHOCROCIINÆ.

Genus **DICHOCROCIS.** Led.: Wien. Ent. Mon., vii. p. 447 (1863).
Conogethes. Meyrick: Trans. Ent. Soc., Lond., 1884, p. 314.
Gadessa. Moore: Lep. Ceylon, iii. p. 278 (1885).
Dadessa. Moore: l. c., p. 333 (1886).
Phœdropsis. Warren: Ann. Mag. N. H. (6), vi. p. 476 (1890).
Orthospila. Warren: l. c., p. 477.
Zebrodes. Warren: l. c., xvii. p. 104 (1896).

3387. Dichocrocis pandamalis.

Botys pandamalis. Walker: xix. 999 (1859).
Dichocrocis pandamalis. Meyrick: l. c., 1894, p. 461.
———————— Hmn.: Faun. Brit. Ind. Moths, iv. p. 306 (1896).
———————— P. Z. S., Lond., 1898, p. 690.
Dichocrosis frenatalis. Led.: l. c., pl. 17, f. 15.
———————— Walker: xxxiv. 1331 (1865).
———————— S. and C.: Cat. Moths of India, v. 632. 4293 (1888).

a. Sarawak, Borneo (type) (Wallace).

3388. Dichocrocis xuthusalis.

Botys xuthusalis. Walker: xviii. 691 (1859).
Dichocrocis xuthusalis. Hmn.: Faun. Brit. Ind. Moths, iv. p. 312 (1896).
——————————— P. Z. S., Lond., 1898, p. 689.
Notarcha xuthalis. Meyrick: Trans. Ent. Soc., Lond., 1894, p. 462.
Botys onustalis. Snellen: Trans. Ent. Soc., Lond., 1890, p. 587.

Type (*onustalis*). Sikkim, in coll. Elwes.
a. Sarawak, Borneo (type) (Wallace).

3389. Dichocrocis surusalis.

Botys surusalis. Walker: xviii. 695 (1859).
Dichocrocis surusalis. Hmn.: Faun. Brit. Ind. Moths, iv. p. 311 (1896).
——————————— P. Z. S., Lond., 1898, p. 689.
Botys subjunctalis. Walker: xxxiv. 1404 (1865).
Rehimena subjunctalis. Moore: Lep. Ceylon, iii. p. 290, pl. 181, f. 6 (1885).
——————————— S. and C.: Cat. Moths of India, v. 606. 4140 (1888).
Botys triferalis. Walker: xxxiv. 1428.
Botys semifascialis. Snellen: Tijd. voor Ent., xxiii. p. 241 (1880); xxvi. p. 131, pl. 7, f. 12, 12 *a* (1883).

Type (*subjunctalis*). Ceylon, in B. M.
a. Sarawak, Borneo (type) (Wallace). b. Mysol (type *triferalis*) (Wallace).

3390. Dichocrocis evaxalis.

Botys evaxalis. Walker: xix. 995 (1859).
Dadessa evaxalis. Moore: Lep. Ceylon, iii. p. 333, pl. 183, f. 3 (1886).
——————————— S. and C.: Cat. Moths of India, v. 591. 4029 (1888).
Dichocrocis evaxalis. Hmn.: Faun. Brit. Ind. Moths, iv. p. 305 (1896).
——————————— P. Z. S., Lond., 1898, p. 688.

Type. N. India, in B. M.
a. Khasia Hills.

Hampson at p. 305 makes *aureolalis*, Led., Wien. Ent. Mon., 1863, p. 473, a synonym of this species; but at p. 424 he makes Lederer's *aureolalis* a Pionea and sinks *ochrealis*, Moore, and *contractalis*, Warren, to it.

3391. Dichocrocis bistrigalis.

Zebronia bistrigalis. Walker: xxxiv. 1348 (1865).
——————————— Snellen: Trans. Ent. Soc., Lond., 1890, p. 632.
Pycnarmon bistrigalis. Moore: P. Z. S., Lond., 1867, p. 92.
——————————— S. and C.: Cat. Moths of India, v. 635. 4314 (1888).
Dichocrocis bistrigalis. Hmn.: Faun. Brit. Ind. Moths, iv. p. 306 (1896).
——————————— P. Z. S., Lond., 1898, p. 690.
Zebronia inscriptalis. Walker: MS.

Type. Darjiling, in B. M.
a. Darjiling.

3392. Dichocrocis clioalis. Pl. VIII. f. 27.

Astura (?) *clioalis.* Walker: xviii. 549 (1859).
Conogethes clioalis. Meyrick: Trans. Ent. Soc., Lond., 1894, p. 459.

Dichocrocis clioalis. Hmn.: (part) P. Z. S., Lond., 1898, p. 690.

a. Sarawak, Borneo (type) (Wallace).

3393. Dichocrocis punctiferalis.

Astura punctiferalis. Guen.: Delt. et Pyral., 320. 347 (1854).
——————— Walker: xviii. 548 (1859).
——————— Moore: P. Z. S., Lond., 1867, p. 96.
——————— Swinhoe: P. Z. S., Lond., 1885, p. 872.
Botys punctiferalis. Led.: Wien. Ent. Mon., vii. p. 375 (1863).
Conogethes punctiferalis. Meyrick: Trans. Ent. Soc., Lond., 1884, p. 314.
——————— Moore: Lep. Ceylon, iii. p. 333 (1886).
——————— S. and C.: Cat. Moths of India, v. 591. 4031 (1888).
——————— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 268.
——————— Snellen: Trans. Ent. Soc., Lond., 1890, p. 592.
——————— Hampson: Ill. Typ. Lep. Het., B. M., viii. 38. 1052 (1891); ix. 48. 1261 (1893).
——————— Meyrick: l. c., 1894, p. 459; 1897, p. 88.
Dichocrocis punctiferalis. Hmn.: Faun. Brit. Ind. Moths, iv. p. 307 (1896).
——————— P. Z. S., Lond., 1898, p. 690.
Deiopeia detracta. Walker: Journ. Linn. Soc., Lond., iii. p. 186 (1859).
——————— xxxi. 262 (1864).

a. Ceylon (2) (Thwaites). b. Singapore (type *detracta*) (Wallace). c. India. d. Queensland (Batchelor).

3394. Dichocrocis ersealis.

Astura ersealis. Walker: xix. 980 (1859).
Botys nicippealis. Walker: xix. 999.
Astura guttatalis. Walker: xxxiv. 1381 (1865).
Dichocrocis punctiferalis. Hmn.: (part) Faun. Brit. Ind. Moths, iv. p. 307 (1896).
——————— P. Z. S., Lond., 1898, p. 690.

Type. Moreton Bay, in B. M.

a. Ceram (type *nicippealis*) (Wallace). b. Mysol (type *guttalis*) (Wallace). c. Mysol. d. Batchian (Wallace). e. Aru (Wallace). f. Sula (Wallace). g. Ceram (Wallace). h. Sarawak, Borneo (Wallace). i. East Australia.

Differs from *punctiferalis* in having a deep black band on the second joint of the palpi, the black spots on fore-wings above are sometimes joined together in places forming acute angles: the palpi of *punctiferalis* are yellow without the black band.

3395. Dichocrocis semifascialis.

Astura semifascialis. Walker: xxxiv. 1381 (1865).
——————— Swinhoe: P. Z. S., Lond., 1885, p. 872.
——————— S. and C.: Cat. Moths of India, v. 591. 4032 (1888).
Conogethes punctiferalis. Hmn.: (part) Faun. Brit. Ind. Moths, iv. p. 307 (1896).
——————— P. Z. S., Lond., 1898, p. 690.

Type. Moreton Bay, in B. M.

a. India.

Is said to be a sport of *punctiferalis*, but is a fairly common insect in India, and very constant in its markings.

3396. Dichocrocis tharsalea.

Notarcha tharsalea. Meyrick: Trans. Ent. Soc., Lond., 1887, p. 225.
Dichocrocis tharsalea. Hampson: P. Z. S., Lond., 1898, p. 691.

a. N. Australia.

3397. Dichocrocis festivalis.

Astura festivalis. Swinhoe: P. Z. S., Lond., 1885, p. 872.
———— S. and C.: Cat. Moths of India, v. 591. 4033 (1888).
Dichocrocis festivalis. Hmn.: Faun. Brit. Ind. Moths, iv. p. 308 (1896).
———— P. Z. S., Lond., 1898, p. 691.

Type. Bombay, in B. M.

a. Indore (4) (Hearsay). b. Bombay.

3398. Dichocrocis orissusalis.

Botys orissusalis. Walker: xviii. 701 (1859).
Notarcha orissalis. Meyrick: Trans. Ent. Soc., Lond., 1886, p. 258.
Botys trigalis. Led.: Wien. Ent. Mon., vii. p. 375, pl. 10, f. 18 (1863).
———— Snellen: Tijd. voor Ent., xxvi. p. 128 (1883).
———— Pag.: J. B. Nass. Ver., xxxvii. p. 267 (1884).
Notarcha trigalis. Meyrick: l. c., 1887, p. 226.
Dichocrocis clioalis. Hampson: (part) P. Z. S., Lond., 1898, p. 690.

a. Sarawak, Borneo (type) (Wallace).

The type specimen is a male, not female as stated by Walker. Lederer was quite correct I think in making his *trigalis* a synonym of *orissusalis*. I have compared the type specimen carefully with Lederer's figure; in the B. M. coll. synonymy *orissusalis* has been misidentified and stands there as *clioalis*, whereas *trigalis* is made a synonym of *Lygropia obrinusalis*, Walker (see P. Z. S., 1898, p. 728).

3399. Dichocrocis nigrilinealis. Pl. VIII. f. 9.

Botys nigrilinealis. Walker: xxxiv. 1410 (1865).
Dichocrocis nigrilinealis. Hmn.: (part) Faun. Brit. Ind. Moths, iv. p. 308 (1896).
———— P. Z. S., Lond., 1898, p. 691.
Botys demeter. Snellen: Trans. Ent. Soc., Lond., 1890, p. 586.
Botys fusilinealis. Walker: MS.

Type (*demeter*). Sikkim, in coll. Elwes.

a. Sula (co-type) (Wallace). b. Mysol (Wallace). c. Ceram.

The Cambodia type of *nigrilinealis* is not now in the O. M.

Sir George Hampson has misidentified this species: it is not the same as *tigrina*, Moore, but is more closely allied to *orissusalis*, Walker.

3400. Dichocrocis tigrina.

Haritala tigrina. Moore: Lep. Ceylon, iii. p. 312, pl. 182, f. 5 (1886).
———— S. and C.: Cat. Moths of India, v. 637. 4327 (1888).
———— Hmn.: Ill. Typ. Lep. Het., B. M., ix. 48. 1259 (1893).
Orthospila tigrina. Hampson: l. c., viii. 38. 1056 (1891).
Notarcha compsogramma. Meyrick: Trans. Ent. Soc., Lond., 1894, p. 461.

Dichocrocis nigrilinealis. Hmn.: (part) Faun. Brit. Ind. Moths, iv. p. 308 (1896).
———————— P. Z. S., Lond., 1898, p. 691.

Type. Ceylon, in B. M.
Type (*compsogramma*). Sambawa Island, in coll. Elwes.
a. Sarawak, Borneo (Wallace). b. Khasia Hills.

3401. Dichocrocis plutusalis.

Zebronia plutusalis. Walker: xvii. 478 (1859).
———————— Moore: P. Z. S., Lond., 1878, p. 849.
———————— Journ. Linn. Soc., Lond., Zool., xxi. p. 59 (1886).
Pycnarmon plutusalis. Moore: P. Z. S., Lond., 1867, p. 92.
Haritala plutusalis. S. and C.: Cat. Moths of India, v. 637. 4325 (1888).
Botys plutusalis. Snellen: Trans. Ent. Soc., Lond., 1890, p. 586.
Notarcha plutusalis. Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 281.
Orthospila plutusalis. Warren: Ann. Mag. N. H. (6), vi. p. 477 (1890).
———————— Hmn.: Ill. Typ. Lep. Het., B. M., viii. 38. 1055 (1891).
Dichocrocis plutusalis. Hmn.: Faun. Brit. Ind. Moths, iv. p. 309 (1896).
———————— P. Z. S., Lond., 1898, p. 691.
Pycnarmon discinotalis. Moore: P. Z. S., Lond., 1877, p. 617.
Haritala discinotalis. Swinhoe and Cotes: l. c., 636. 4321.

Type. India, in B. M.
Type (*discinotalis*). Pt. Blair, Andamans, in B. M.
a. Bombay (3). b. Flores (Wallace).

3402. Dichocrocis pyrrhalis.

Zebronia pyrrhalis. Walker: xvii. 483 (1859).
Notarcha pyrrhalis. Meyrick: Trans. Ent. Soc., Lond., 1894, p. 462.
Dichocrocis pyrrhalis. Hmn.: Faun. Brit. Ind. Moths, iv. p. 309 (1896).
———————— P. Z. S., Lond., 1898, p. 692.
Haritala angulifascia. Hmn.: Ill. Typ. Lep. Het., B. M., viii. p. 136, pl. 155, f. 10 (1891).

Type (*angulifascia*). Nilgiri Hills, in B. M.
a. Sarawak, Borneo (type) (Wallace).

3403. Dichocrocis zebralis.

Pycnarmon zebralis. Moore: P. Z. S., Lond., 1867, p. 91, pl. 7, f. 12.
———————— S. and C.: Cat. Moths of India, v. 636. 4318 (1888).
Zebronia zebralis. Snellen: Trans. Ent. Soc., Lond., 1890, p. 630.
Dichocrocis zebralis. Hmn.: Faun. Brit. Ind. Moths, iv. p. 310 (1896).
———————— P. Z. S., Lond., 1898, p. 692.

Type. Darjiling, in coll. Staudinger.
a. India.

3404. Dichocrocis albifrons.

Gadessa albifrons. Moore: Lep. Ceylon, iii. p. 279, pl. 180, f. 6 (1885).
———————— S. and C.: Cat. Moths of India, v. 643. 4360 (1888).
Dichocrocis nilusalis. Hmn.: part) Faun. Brit. Ind. Moths, iv. p. 310 (1896).
Dichocrocis renidata. Hampson: (part) P. Z. S., Lond., 1898, p. 692.

Type. Ceylon, in B. M.
a. Nilgiri Hills.
Sir George Hampson, in his vol. iv. p. 310, sinks this species to

nilusalis as a *Dichocrocis*, and then sinks *nilusalis* to *pœonalis* at p. 313, as a *Nacoleia*; the type of *nilusalis* is in this Museum, and has been wrongly identified in the British Museum.

3405. Dichocrocis megillalis. Pl. VIII. f. 2.

Botys megillalis. Walker: xviii. 700 (1859).
Dichocrocis megillalis. Hmn.: (part) Faun. Brit. Ind. Moths, iv. p. 311 (1896).
——————————— P. Z. S., Lond., 1898, p. 692.

a. Sarawak, Borneo (type) (Wallace).

GENUS **NACOLEIA.** Walker: xix. 934 (1859).

3406. Nacoleia rhœoalis.

Desmia (?) *rhœoalis.* Walker: xix. 933.
Nacoleia rhœoalis. Hampson: P. Z. S., Lond., 1898, p. 694.
Nacoleia murcusalis. Walker: xix. 935.

Type (*murcusalis*). Moreton Bay, in B. M.
a. Sydney (type).

3407. Nacoleia cyanealis.

Isopteryx cyanealis. Walker: xvii. 405 (1859).
Nacoleia cyanealis. Hmn.: Faun. Brit. Ind. Moths, iv. p. 321 (1896).
——————————— P. Z. S., Lond., 1898, p. 695.

a. Sarawak, Borneo (type) (Wallace).

3408. Nacoleia marionalis. Pl. VII. f. 11.

Desmia (?) *marionalis.* Walker: xix. 930 (1859).
Nacoleia marionalis. Hmn.: Faun. Brit. Ind. Moths, iv. p. 321 (1896).
——————————— P. Z. S., Lond., 1898, p. 695.

a. Sarawak, Borneo (type) (Wallace).

GENUS **MEROTOMA.** Meyrick: Trans. Ent. Soc., Lond., 1894, p. 460.

3409. Merotoma dairalis.

Botys dairalis. Walker: xviii. 698 (1859).
Merotoma dairalis. Meyrick: l. c.
Nacoleia dairalis. Hampson: P. Z. S., Lond., 1898, p. 697.

Type. Sarawak, Borneo, in B. M.
a. Sarawak (Wallace).

GENUS **HEDYLEPTA.** Led.: Wien. Ent. Mon., vii. p. 409 (1863).
Pelecyntis. Meyrick: Trans. Ent. Soc., Lond., 1884, p. 315.
Loxocreon. Warren: Ann. Mag. N. H. (6), ix. p. 432 (1892).

3410. Hedylepta vulgalis.

Asopia vulgalis. Guen.: Delt. et Pyral., p. 202, pl. 6, f. 8 (1854).

Asopia vulgalis. Walker: xvii. 364 (1859).
Hedylepta vulgalis. Led.: l. c.
———— Walker: xxxiv. 1322 (1865).
———— Moore: Lep. Ceylon, iii. p. 276 (1885).
———— S. and C.: Cat. Moths of India, v. 641. 4349 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 283.
———— Snellen: Trans. Ent. Soc., Lond., 1890, p. 619.
———— Hmn.: Ill. Typ. Lep. Het., B. M., viii. 39. 1080 (1891); ix. 49. 1302 (1893).
———— Meyrick: l. c., 1894, p. 6; 1897, p. 87.
Nacoleia vulgalis. Hampson: Faun. Brit. Ind. Moths, iv. p. 315 (1896).
Botys mœliusalis. Walker: xviii. 703 (1859).
Botys reductalis. Walker: xxxiv. 1412.
Nacoleia indicata. Hampson: (part) P. Z. S., Lond., 1898, p. 699.

Type (*mœliusalis*). Sarawak, Borneo, in B. M.
a. Amoy, China (type *reductalis*). b. India.

3411. Hedylepta nilusalis.

Botys nilusalis. Walker: xviii. 685 (1859).
Conogethes nilalis. Meyrick: Trans. Ent. Soc., Lond., 1894, p. 459.
Botys bianoralis. Walker: xix. 1001 (1859).
Pachyzancla bianoralis. Meyrick: l. c., 1887, p. 228.
Omiodes bianoralis. Meyrick: l. c., 1894, p. 6; 1897, p. 86.
Nacoleia pœonalis. Hmn.: (part) Faun. Brit. Ind. Moths, iv. p. 313 (1896).
———— P. Z. S., Lond., 1898, p. 698.

a. Sarawak, Borneo (type) (Wallace). b. Sarawak (type *bianoralis*) (Wallace).

3412. Hedylepta halmusalis.

Botys halmusalis. Walker: xviii. 693 (1859).
Nacoleia pœonalis. Hampson: (part) P. Z. S., Lond., 1898, p. 698.

a. Sarawak, Borneo (type) (Wallace).

3413. Hedylepta minoralis.

Botys minoralis. Walker: xxxiv. 1420 (1865).
Nacoleia pœonalis. Hampson: (part) P. Z. S., Lond., 1898, p. 698.

a. Sula (type) (Wallace).
The type is a male, not female as stated by Walker.

3414. Hedylepta absistalis.

Pyrausta absistalis. Walker: xvii. 311 (1859).
Pelecyntis absistalis. Moore: Lep. Ceylon, iii. p. 270 (1885).
———— S. and C.: Cat. Moths of India, v. 639. 4338 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 283.
Hedylepta absistalis. Hmn.: Ill. Typ. Lep. Het., B. M., ix. 49. 1300 (1893).
Pelecyntis abstitalis (sic). Meyrick: Trans. Ent. Soc., Lond., 1884, p. 316; 1887, p. 225.
Asopia lydialis. Walker: xvii. 374.
Botys ustalis. Led.: Wien. Ent. Mon., vii. pp. 375, 471, pl. 10, f. 14 (1863).
Hedylepta ustalis. Snellen: Tijd. voor Ent., xxvii. p. 37 (1884).
Pyralis incertalis. Walker: xxxiv. 1518 (1865).

Hedylepta pyraustalis. Snellen: Midd.-Sum., iv. Lep., p. 71 (1880).
Nacoleia diemenalis. Hmn.: (part) Faun. Brit. Ind. Moths, iv. p. 316 (1896).
——— P. Z. S., Lond., 1898, p. 699.

Type. Ceylon, in B. M.
Type (*lydialis*). Moreton Bay, in B. M.
Type (*incertalis*). Without locality, in B. M.
a. India (2). b. Ceylon (4) (Thwaites). c. Ceram (Wallace).

Genus **BLEPHAROMASTIX.** Led.: Wien. Ent. Mon., vii. p. 422 (1863).

Thysanodesma. Butler: Ill. Typ. Lep. Het., B. M., vii. p. 96 (1889).
Aplomastix. Warren: Ann. Mag. N. H. (6), vi. p. 478 (1890).
Metasciodes. Meyrick: Trans. Ent. Soc., Lond., 1894, p. 8.
Idiusia. Warren: l. c. (6), xvii. p. 98 (1896).
Orthocona. Warren: l. c. (6), xviii. p. 215 (1896).

3415. Blepharomastix œaxalis.

Botys œaxalis. Walker: xviii. 718 (1859).
Metasciodes œaxalis. Meyrick: l. c., 1894, p. 467.
Nacoleia œaxalis. Hmn.: Faun. Brit. Ind. Moths, iv. p. 318 (1896).
——— P. Z. S., Lond., 1898, p. 702.

a. Sarawak, Borneo (type) (Wallace).

3416. Blepharomastix didasalis.

Botys didasalis. Walker: xviii. 707 (1859).
Metasia didasalis. Meyrick: Trans. Ent. Soc., Lond., 1894, p. 465.
Nacoleia didasalis. Hampson: P. Z. S., Lond., 1898, p. 703.

a. Sarawak, Borneo (type) (Wallace).

3417. Blepharomastix scitalis.

Hydrocampa scitalis. Swinhoe: P. Z. S., Lond., 1885, p. 869.
——— S. and C.: Cat. Moths of India, v. 652. 4431 (1888).
Nacoleia scitalis. Hampson: Faun. Brit. Ind. Moths, iv. p. 317 (1896).
——— P. Z. S., Lond., 1898, p. 701.

Type. Bombay, in B. M.
a. Bombay (2).

3418. Blepharomastix tampiusalis. Pl. VIII. f. 13.

Botys tampiusalis. Walker: xviii. 704 (1859).
Nacoleia tampiusalis. Hmn.: (part) Faun. Brit. Ind. Moths, iv. p. 318 (1896).
——— P. Z. S., Lond., 1898, p. 702.
Metasia tampialis. Meyrick: Trans. Ent. Soc., Lond., 1894, p. 465.

a. Sarawak, Borneo (type) (Wallace).
The type specimen is a male, not female as stated by Walker.

3419. Blepharomastix ilusalis.

Botys ilusalis. Walker: xviii. 705 (1859).

Botys ilusalis. Butler: P. Z. S., Lond., 1883, p. 168.
———— S. and C.: Cat. Moths of India, v. 595. 4057 (1888).
Hapalia ilusalis. Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 270.
Nacoleia tampiusalis. Hmn.: (part) Faun. Brit. Ind. Moths, iv. p. 318 (1896).
———— P. Z. S., Lond., 1898, p. 702.

Type. Sarawak, Borneo, in B. M.
a. Sarawak (Wallace).
Quite distinct from *tampiusalis*, and less than half its size.

3420. Blepharomastix dasyclusalis.

Botys dasyclusalis. Walker: xix. 1003 (1859).
Nacoleia tampiusalis. Hampson: (part) P. Z. S., Lond., 1898, p. 702.
a. Sarawak, Borneo (type) (Wallace).
Very different to either *tampiusalis* or *ilusalis*.

3421. Blepharomastix insolitalis. Pl. VIII. f. 31.

Astura insolitalis. Walker: Trans. Ent. Soc., Lond. (3), i. p. 125 (1862).
———— xxxiv. 1380 (1865).
Nacoleia insolitalis. Hampson: P. Z. S., Lond., 1898, p. 700.
a. Sarawak, Borneo (type) (Wallace).

3422. Blepharomastix charesalis. Pl. VIII. f. 19.

Botys charesalis. Walker: xviii. 709 (1859).
Notarcha charesalis. Meyrick: Trans. Ent. Soc., Lond., 1894, p. 462.
Nacoleia charesalis. Hmn.: (part) Faun. Brit. Ind. Moths, iv. p. 319 (1896).
———— P. Z. S., Lond., 1898, p. 703.
Notarcha octasema. Meyrick: Trans. Ent. Soc., Lond., 1886, p. 259.
Nacoleia octasema. Hampson: l. c.
a. Sarawak, Borneo (type) (Wallace). b. Sarawak (Wallace).
c. Ceylon (Thwaites).
Wrongly identified in the British Museum.

3423. Blepharomastix phaleasalis. Pl. VII. f. 21.

Botys phaleasalis. Walker: xviii. 713 (1859).
Nacoleia phaleasalis. Hmn.: Faun. Brit. Ind. Moths, iv. p. 320 (1896).
———— P. Z. S., Lond., 1898, p. 703.
a. Sarawak, Borneo (type) (Wallace).

Genus **GONIORHYNCHUS.** Hampson: Faun. Brit. Ind. Moths, iv. p. 322 (1896).

3424. Goniorhynchus gratalis.

Botys gratalis. Led.: Wien. Ent. Mon., vii. p. 475, pl. 11, f. 18 (1863).
———— Walker: xxxiv. 1390 (1865).
Goniorhynchus gratalis. Hampson: l. c.
———— P. Z. S., Lond., 1898, p. 706.
Botys minualis. Walker: xxxiv. 1449.
Type (*minualis*). Java, in B. M.
a. Flores (Wallace). b. Cherra Punji.

GENUS **ERINOTHUS**. Hampson: P. Z. S., Lond., 1898, p. 706.

3425. Erinothus lollialis.

Botys lollialis. Walker: xix. 1005 (1859).
Erinothus lollialis. Hampson: l. c., p. 707.

Type. Sarawak, Borneo, in B. M.
a. Sarawak (Wallace).

GENUS **DEBA**. Walker: xxxiv. 1494 (1865).
Phycidicera. Snellen: Midd.-Sum., iv. Lep., p. 71 (1880).

3426. Deba althealis.

Salbia althealis ♂. Walker: xvii. 361 (1859).
Deba althealis. Hampson: P. Z. S., Lond., 1898, p. 708.
Botys cydipeialis ♂. Walker: xviii. 694 (1859).
Botys tisiasalis ♀. Walker: l. c., 696.

a. Sarawak (type *cydipeialis*) (Wallace). b. Sarawak (type *tisiasalis*) (Wallace).

The type of *althealis* is not now in this Museum.

GENUS **BOTYODES**. Guen.: Delt. et Pyral., p. 320 (1854).

3427. Botyodes asialis.

Botyodes asialis. Guen.: l. c., 321. 348.
———— Walker: xviii. 551 (1859).
———— Led.: Wien. Ent. Mon., vii. p. 394, pl. 13, f. 8 (1863).
———— Moore: P. Z. S., Lond., 1867, p. 96.
———— Snellen: Tijd. voor Ent., xxvi. p. 139 (1883).
———— Swinhoe: P. Z. S., Lond., 1885, p. 873.
———— Moore: Lep. Ceylon, iii. p. 335, pl. 183, f. 1 ♂, 1 *a* (larva) (1886).
———— S. and C.: Cat. Moths of India, v. 592. 4034 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 268.
———— Snellen: Trans. Ent. Soc., Lond., 1890, p. 605.
———— Hmn.: Ill. Typ. Lep. Het., B.M., viii. 37. 1042 (1891).
———— Meyrick: Trans. Ent. Soc., Lond., 1894, p. 6.
———— Hampson: Faun. Brit. Ind. Moths, iv. p. 325 (1896).
———— P. Z. S., Lond., 1898, p. 710.

a. India (5) (Hearsay). b. Ceylon (3) (Thwaites). c. Makian, Celebes (Wallace).

GENUS **ENDOCROSSIS**. Meyrick: Trans. Ent. Soc., Lond., 1889, p. 515.

3428. Endocrossis flavibasalis.

Botyodes flavibasalis. Moore: P. Z. S., Lond., 1867, p. 96 ♀.
———— Felder: Reise Nov. Lep., pl. 135, f. 41 (1874).
———— S. and C.: Cat. Moths of India, v. 592. 4036 (1888).
———— Hmn.: Faun. Brit. Ind. Moths, iv. p. 326 (1896).
———— P. Z. S., Lond., 1898, p. 710.

Endocrossis flavibasalis. Meyrick: l. c.
———— Snellen: Trans. Ent. Soc., Lond., 1890, p. 605.

Type. Bengal, in coll. Staudinger.
a. India.

3429. Endocrossis caldusalis.

Botys caldusalis. Walker: xviii. 650 (1859).
———— Moore: P. Z. S., Lond., 1878, p. 850.
———— Journ. Linn. Soc., Lond., Zool., xxi. p. 59(1886).
———— C. and S.: Cat. Moths of India, v. 594. 4049 (1888).
———— Snellen: Trans. Ent. Soc., Lond., 1890, p. 580.
Hapalia caldusalis. Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 269.
Botyodes caldusalis. Hampson: Faun. Brit. Ind. Moths, iv. p. 327 (1896).
———— P. Z. S., Lond., 1898, p. 710.

Type. India, in B. M.
a. Darjiling. b. Singapore (Wallace).

3430. Endocrossis patulalis.

Botys patulalis. Walker: xxxiv. 1405 (1865).
———— Moore: P. Z. S., Lond., 1867, p. 97.
———— S. and C.: Cat. Moths of India, v. 596. 4070 (1888).
Botyodes patulalis. Hampson: Faun. Brit. Ind. Moths, iv. p. 327 (1896).
———— P. Z. S., Lond., 1898, p. 710.

Type. Darjiling, in B. M.
a. Khasia Hills (3).

Sub-Family SYLEPTINÆ.

Genus **PRORODES.** Swinhoe: Ann. Mag. N. H. (6), xiv. p. 205 (1894).

3431. Prorodes mimica.

Prorodes mimica. Swinhoe: l. c.
———— Hampson: Faun. Brit. Ind. Moths, iv. p. 328 (1896).
———— P. Z. S., Lond., 1898, p. 711.
Notarcha triparalis. Warren: Ann. Mag. N. H. (6), xvii. p. 102 (1896).

Type. Shillong, in B. M.
Type (*triparalis*). Naga Hills, in coll. Rothschild.
a. Khasia Hills (2).

Genus **PRAMADEA.** Moore: Descr. Ind. Lep. Atk., p. 211 (1888).
Polycorys. Warren: Ann. Mag. N. H. (6), xviii. p. 172 (1896).

3432. Pramadea cohæsalis.

Botys cohæsalis. Walker: xxxiv. 1418 (1865).
Sylepta cohæsalis. Hmn.: (part) Faun. Brit. Ind. Moths, iv. p. 338 (1896).
———— P. Z. S., Lond., 1898, p. 713.
Notarcha halurga. Meyrick: Trans. Ent. Soc., Lond., 1886, p. 259.

a. Sula (type) (Wallace). b. Sula (Wallace).

Both the type specimen and example b are males, not females as stated by Walker.

3433. Pramadea adductalis.

Botys adductalis. Walker: xviii. 669 (1859).
Coptobasis adductalis. Moore: Lep. Ceylon, iii. p. 292, pl. 181, f. 7 (1885).
——— S. and C.: Cat. Moths of India, v. 628. 4263 (1888).
——— Hmn.: Ill. Typ. Lep. Het., B. M., viii. 39. 1073 (1891); ix. 49. 1285 (1893).
Sylepta adductalis. Hampson: Faun. Brit. Ind. Moths, iv. p. 339 (1896).
——— P. Z. S., Lond., 1898, p. 714.
Coptobasis luminalis. Led.: Wien. Ent. Mon., vii. p. 482, pl. 16, f. 10 (1863).

Type. Ceylon, in B. M.
a. Ceylon (4) (Thwaites).

3434. Pramadea crotonalis.

Botys crotonalis. Walker: xix. 997 (1859).
Coptobasis crotonalis. Moore: Lep. Ceylon, v. p. 292 (1885).
——— S. and C.: Cat. Moths of India, v. 628. 4267 (1888).
——— Hmn.: Ill. Typ. Lep. Het., B. M., ix. 49. 1284 (1893).
Sylepta crotonalis. Hampson: Faun. Brit. Ind. Moths, iv. p. 339 (1896).
——— P. Z. S., Lond., 1898, p. 713.
Coptobasis sulcialis. Snellen (nec Walker): Trans. Ent. Soc., Lond., 1890, p. 625.

Type. Ceylon, in B. M.
a. Cherra Punji.

3435. Pramadea lunalis.

Botys lunalis. Guen.: Delt. et Pyral., 352. 417 (1854).
——— Walker: xviii. 662 (1859).
Coptobasis lunalis. Moore: P. Z. S., Lond., 1877, p. 616.
——— Lep. Ceylon, iii. p. 291 (1885).
——— Swinhoe: P. Z. S., Lond., 1885, p. 867.
——— S. and C.: Cat. Moths of India, v. 629. 4271 (1888).
——— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 277.
——— Snellen: Trans. Ent. Soc., Lond., 1890, p. 626.
——— Hmn.: Ill. Typ. Lep. Het., B. M., viii. 39. 1072 (1891).
——— Meyrick: Trans. Ent. Soc., Lond., 1894, p. 457.
Sylepta lunalis. Hampson: Faun. Brit. Ind. Moths, iv. p. 339 (1896).
——— P. Z. S., Lond., 1898, p. 714.
Botys thyasalis. Walker: xviii. 734 (1859).
——— Swinhoe: P. Z. S., Lond., 1885, p. 873.
Botys thyadalis. Led.: Wien. Ent. Mon., vii. p. 429 (1863).
Botys thiasalis. Walker: xix. 1007 (1859).

Type (*thyasalis*). Without locality, in B. M.
Type (*thiasalis*). Ceylon, in B. M.
a. India (Hearsay). b. Nilgiri Hills.

3436. Pramadea luctuosalis.

Hyalitis luctuosalis. Guen.: Delt. et Pyral., 290. 291 (1854).
——— Led.: Wien. Ent. Mon., vii. p. 403 (1863).

Hyalitis luctuosalis. Oberth.: Ann. Soc. Ent., Fr., 1885, Bull., p. 157.
Desmia (?) luctuosalis. Walker: xvii. 345 (1859).
——————— S. and C.: Cat. Moths of India, v. 627. 4259 (1888).
Coptobasis luctuosalis. Snellen: Trans. Ent. Soc., Lond., 1890, p. 626.
Sylepta luctuosalis. Hampson: Faun. Brit. Ind. Moths, iv. p. 340 (1896).
——————— P. Z. S., Lond., 1898, p. 715.
Botys æmealis. Walker: xviii. 671 (1859).
Coptobasis æmealis. Swinhoe and Cotes: l. c., 629. 4272.
——————— Snellen: l. c., p. 627.
Botys cosisalis. Walker: xviii. 685.
Ebulea zelleri. Brem.: Lep. Ost.-Sib., p. 70, pl. 6, f. 12 (1864).
Coptobasis andamanalis. Moore: P. Z. S., Lond., 1877, p. 615, pl. 60, f. 14.
——————— Swinhoe and Cotes: l. c., 628. 4265.
Hymenia erebina. Butler: Ill. Typ. Lep. Het., B.M., iii. p. 57, pl. 39, f. 1 (1878).

Type (*andamanalis*). Port Blair, in B. M.
Type (*erebina*). Yokohama, in B. M.
a. India (type *æmealis*). b. Sarawak, Borneo (type *cosisalis*) (Wallace).

3437. Pramadea textalis.

Coptobasis textalis. Led.: Wien. Ent. Mon., vii. p. 482, pl. 16, f. 9 (1863).
——————— Walker: xxxiv. 1319 (1865).
——————— S. and C.: Cat. Moths of India, v. 629. 4275 (1888).
——————— Snellen: Trans. Ent. Soc., Lond., 1890, p. 626.
——————— Hmn.: Ill. Typ. Lep. Het., B. M., viii. 39. 1074 (1891).
Sylepta textalis. Hampson: Faun. Brit. Ind. Moths, iv. p. 340 (1896).
——————— P. Z. S., Lond., 1898, p. 714.
Coptobasis ænealis. Swinhoe: P. Z. S., Lond., 1885, p. 867; 1886, p. 458.
——————— Swinhoe and Cotes: l. c., 628. 4264.

Type (*ænealis*). Bombay, in B. M.
a. Indore (?) (Hearsay). b. Nilgiri Hills. c. Bombay.

3438. Pramadea arctalis.

Hyalitis arctalis. Guen.: Delt. et Pyral., 290, p. 290 (1854).
——————— Led.: Wien. Ent. Mon., vii. p. 403 (1863).
Desmia (?) arctalis. Walker: xvii. 347 (1859).
Sylepta arctalis. Hampson: Faun. Brit. Ind. Moths, iv. p. 340 (1896).
——————— P. Z. S., Lond., 1898, p. 714.
Desmia opisalis. Walker: xvii. 346.
Coptobasis opisalis. Led.: l. c., p. 429, pl. 16, f. 11.
——————— Walker: xxxiv. p. 1319 (1865).
——————— Swinhoe: P. Z. S., Lond., 1885, p. 867; 1886, p. 458.
——————— S. and C.: Cat. Moths of India, v. 629. 4273 (1888).

Type (*opisalis*). Without locality, in B. M.
a. India (?) (Hearsay).

3439. Pramadea curiusalis. Pl. VIII. f. 1.

Botys curiusalis. Walker: xviii. 688 (1859).
Sylepta curiusalis. Hampson: P. Z. S., Lond., 1898, p. 713.

a. Sarawak, Borneo (type) (Wallace). b. Sumatra (Wallace).

Genus **PATANIA**. Moore: Descr. Ind. Lep. Atk., p. 209 (1888).

3440. Patania concatenalis.

Botys concatenalis. Walker: xxxiv. 1408 (1865).
———— Moore: P. Z. S., Lond., 1867, p. 97.
Patania concatenalis. Moore: l. c.
———— S. and C.: Cat. Moths of India, v. 633. 4299 (1888).
Sylepta concatenalis. Hampson: Faun. Brit. Ind. Moths, iv. p. 329 (1896).
———— P. Z. S., Lond., 1898, p. 716.

Type. Darjiling, in B. M.
a. Cherra Punji.

Genus **HAITUFA**. nov.

Wings long, costa straight, bent round before apex which is much produced; abdomen with fringes of hair at the sides on basal segments: hind-tibiæ of male with the inner spurs very long.

3441. Haitufa fabiusalis. Pl. VII. f. 7.

Botys fabiusalis. Walker: xviii. 715 (1859).
Sylepta fabiusalis. Hampson: P. Z. S., Lond., 1898, p. 717.
a. Sarawak, Borneo (type) (Wallace).

Genus **PLEUROPTYA**. Meyrick: Trans. Ent. Soc., Lond., 1890, p. 443.

3442. Pleuroptya aurantiacalis.

Botys aurantiacalis. Fischer von Rösl.: Schm., p. 213, pl. 75, f. 3 (1843).
———— Herr. Schäff.: Eur. Schm., iv. p. 28 (1849).
———— Guen.: Delt. et Pyral., 329. 360 (1854).
———— Walker: xviii. 553 (1859).
———— Led.: Wien. Ent. Mon., vii. p. 370 (1863).
———— Staud. and W.: Cat., No. 157 (1871).
Pleuroptya aurantiacalis. Meyrick: l. c., p. 444; 1894, p. 463.
Notarcha aurantiacalis. Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 281.
———— Hampson: (part) Ill. Typ. Lep. Het., B. M., viii. 38. 1051 (1891); ix. 48. 1256 (1893).
Sylepta aurantiacalis. Hampson: Faun. Brit. Ind. Moths, iv. p. 337 (1896).
Botys aurea. Butler: Ill. Typ. Lep. Het., B. M., iii. p. 76, pl. 59, f. 12 (1879).
———— P. Z. S., Lond., 1883, p. 168.
———— Swinhoe: P. Z. S., Lond., 1885, p. 873.
———— S. and C.: Cat. Moths of India, v. 593. 4046 (1888).
Sylepta balteata. Hmn.: (part) P. Z. S., Lond., 1898, p. 718.

Type (*aurea*). Japan, in B. M.
a. Nilgiri Hills. b. India (3) (Hearsay).

3443. Pleuroptya accipitralis.

Botys accipitralis. Walker: xxxiv. 1422 (1865).
Hapalia fraterna. Moore: Lep. Ceylon, iii. p. 338, pl. 183, f. 9 (1886).
———— S. and C.: Cat. Moths of India, v. 599. 4093 (1888).

Hapalia fraterna. Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 270.
Sylepta aurantiacalis. Hampson: (part) Faun. Brit. Ind. Moths, iv. p. 337 (1896).
Sylepta balteata. Hampson: (part) P. Z. S., Lond., 1898, p. 718.

Type (*fraterna*). Ceylon, in B. M.

a. Ceram (type) (Wallace). b. Khasia Hills.

The type specimen is a male, not female as stated by Walker.

3444. Pleuroptya mysolalis. Pl. VIII. f. 5.

Botys mysolalis. Walker: xxxiv. 1423 (1865).
Sylepta balteata. Hampson: (part) P. Z. S., Lond., 1898, p. 718.

a. Mysol (type) (Wallace).

The type specimen is a male, not female as stated by Walker.

3445. Pleuroptya quadriguttalis. Pl. VIII. f. 24.

Botys quadriguttalis. Walker: xxxiv. 1435 (1865).
Sylepta balteata. Hampson: (part) P. Z. S., Lond., 1898, p. 718.

a. Sula (type) (Wallace).

A very distinct species, with a prominent round black cell spot on each wing.

GENUS **SYLEPTA.** Hübn.: Verz., p. 356 (1816).
Astura. Guen.: Delt. et Pyral., p. 319 (1854).
Sathria. Led.: Wien. Ent. Mon., vii. p. 411 (1863).
Nagia. Walker: xxxiv. 1320 (1865).
Notarcha. Meyrick: Trans. Ent. Soc., Lond., 1884, p. 310 (præocc.).
Haritalodes. Warren: Ann. Mag. N. H. (6), vi. p. 476 (1890).
Loxoscia. Warren: l. c.
Idiostrophe. Warren: l. c. (6), xvii. p. 133 (1896).
Haliotigris. Warren: l. c. (6), xviii. p. 172 (1896).

3446. Sylepta gastralis.

Glyphodes gastralis. Walker: xxxiv. 1356.
———— Moore: P. Z. S., Lond., 1867, p. 93.
Synclera gastralis. S. and C.: Cat. Moths of India, v. 634. 4305 (1888).
Sylepta gastralis. Hampson: Faun. Brit. Ind. Moths, iv. p. 331 (1896).
———— P. Z. S., Lond., 1898, p. 720.

Type. Darjiling, in B. M.

a. India.

3447. Sylepta scinisalis.

Botys scinisalis. Walker: xviii. 648 (1859).
———— Moore: P. Z. S., Lond., 1867, p. 96.
———— Snellen: Trans. Ent. Soc., Lond., 1890, p. 583.
Botyodes scinisalis. S. and C.: (part) Cat. Moths of India, v. 593. 4040 (1888).
Sylepta scinisalis. Hampson: Faun. Brit. Ind. Moths, iv. p. 331 (1896).
———— P. Z. S., Lond., 1898, p. 720.

Botys restrictalis. Snellen: Trans. Ent. Soc., Lond., 1890, p. 584.

Type. Moulmein, in B. M.

Type (*restrictalis*). Sikkim, in coll. Elwes.

a. Cherra Punji.

3448. Sylepta costalis.

Botyodes costalis. Moore: Descr. Ind. Lep. Atk., p. 221 (1888).
———— S. and C.: Cat. Moths of India, v. 592. 4035 (1888).
Sylepta costalis. Hampson: Faun. Brit. Ind. Moths, iv. p. 331 (1896).
———— P. Z. S., Lond., 1898, p. 720.

Type. Darjiling, in coll. Staudinger.

a. Khasia Hills.

3449. Sylepta sellalis.

Botys sellalis. Guen.: Delt. et Pyral., 330. 363 (1854).
———— Walker: xviii. 648 (1859).
Pachynoa sellalis. Walker: xxxiv. 1481 (1865).
———— S. and C.: Cat. Moths of India, v. 611. 4169 (1888).
Sylepta sellalis. Hampson: Faun. Brit. Ind. Moths, iv. p. 332 (1896).
———— P. Z. S., Lond., 1898, p. 720.
Botys consimilalis. Led.: Wien. Ent. Mon., vii. p. 471 (1863).
———— Walker: xxxiv. p. 1389.
———— Snellen: Trans. Ent. Soc., Lond., 1890, p. 585.
Botys disjunctalis. Walker: Char. Undescr. Lep. Het., p. 96 (1869).
Botys scinisalis. Moore (nec Walker): P. Z. S., Lond., 1877, p. 619, pl. 60, f. 11.

Type (*disjunctalis*). Benares, in Devon and Exeter Museum.

a. India (2) (Ashmol. Mus.).

3450. Sylepta sabinusalis.

Botys sabinusalis. Walker: xviii. 708 (1859).
Sylepta sabinusalis. Hmn.: (part) Faun. Brit. Ind. Moths, iv. p. 333 (1896).
———— P. Z. S., Lond., 1898, p. 721.
Botys raralis. Snellen (nec Scop.): Trans. Ent. Soc., Lond., 1890, p. 588.
Notarcha dubia. Hampson: Ill. Typ. Lep. Het., B. M., viii. p. 136, pl. 155, f. 16 (1891); ix. 48. 1257 (1893).

Type (*dubia*). Nilgiri Hills, in B. M.

a. Sarawak, Borneo (type) (Wallace). b. Ceylon (Thwaites).

c. India.

The type is a male, not female as stated by Walker.

3451. Sylepta imbutalis.

Botys imbutalis. Walker: xxxiv. 1442 (1865).
Notarcha butyrina. Meyrick: Trans. Ent. Soc., Lond., 1886, p. 260.
Sylepta sabinusalis. Hmn.: (part) Faun. Brit. Ind. Moths, iv. p. 333 (1896).
———— P. Z. S., Lond., 1898, p. 721.

Type. Java, in B. M.

a. Khasia Hills (2).

3452. Sylepta sublituralis.

Botys sublituralis. Walker: xxxiv. 1452 (1865).

Botys sublituralis. Swinhoe: P. Z. S., Lond., 1885, p. 873.
——————— S. and C.: Cat. Moths of India, v. 597. 4076 (1888).
Sylepta sabinusalis. Hmn.: (part) Faun. Brit. Ind. Moths, iv. p. 333 (1896).
——————— P. Z. S., Lond., 1898, p. 721.

Type. Java, in B. M.
a. Khasia Hills (2).

3453. Sylepta pronaxalis.

Botys pronaxalis. Walker: xviii. 688 (1859).
Sylepta pronaxalis. Hmn.: Faun. Brit. Ind. Moths, iv. p. 329 (1896).
——————— P. Z. S., Lond., 1898, p. 719.
Pardomima acutalis. Hmn.: Ill. Typ. Lep. Het., B. M., ix. p. 171, pl. 174, f. 16 (1893).

Type (*acutalis*). Ceylon, in B. M.
a. Sarawak, Borneo (type) (Wallace).

3454. Sylepta fraterna.

Botyodes fraterna. Moore: Descr. Ind. Lep. Atk., p. 221, pl. 7, f. 16 (1888).
——————— S. and C.: Cat. Moths of India, v. 592. 4037 (1888).
Botys fraterna. Snellen: Trans. Ent. Soc., Lond., 1890, p. 584.
Loxoscia fraterna. Hmn.: Ill. Typ. Lep. Het., B. M., viii. 38. 1043 (1891); ix. 48. 1248 (1893).
Loxoscia verecunda. Warren: Ann. Mag. N. H. (6), xviii. p. 167 (1896).
Sylepta verecunda. Hmn.: Faun. Brit. Ind. Moths, iv. p. 333 (1896).
——————— P. Z. S., Lond., 1898, p. 720.

Type. Darjiling, in coll. Staudinger.
Type (*verecunda*). Khasia Hills, in coll. Rothschild.
a. Ceylon (Thwaites). b. Khasia Hills.

Moore's name is not preoccupied in this genus, to those who do not work mainly on venation, and consequently put many distinctive and widely different forms together under one species.

3455. Sylepta iopasalis.

Botys iopasalis. Walker: xviii. 652 ♂ (1859); xix. 993 (1859).
——————— Butler: Ann. Mag. N. H. (5), v. p. 226 (1880).
——————— Swinhoe: P. Z. S., Lond., 1884, p. 525.
——————— Snellen: Trans. Ent. Soc., Lond., 1890, p. 585.
Hapalia iopasalis. C. and S.: Cat. Moths of India, v. 599. 4095 (1888).
——————— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 270 (note).
Sylepta iopasalis. Hmn.: Ill. Typ. Lep. Het., B. M., viii. 35. 1046 (1891); ix. 48. 1250 (1893).
——————— Faun. Brit. Ind. Moths, iv. p. 334 (1896).
——————— P. Z. S., Lond., 1898, p. 722.
Conogethes iopasalis. Meyrick: Trans. Ent. Soc., Lond., 1894, p. 459; 1897, p. 88.
Botys jopasalis. Moore: P. Z. S., Lond., 1878, p. 550.
Hapalia jopasalis. Moore: Lep. Ceylon, iii. p. 337, pl. 182, f. 14 (1886).
Botys plagiatalis. Walker: xviii. 673.
——————— Swinhoe: P. Z. S., Lond., 1885, p. 873.
Hapalia (?) *plagiatalis.* Moore: l. c., p. 337.
——————— Cotes and Swinh.: l. c., 600. 4101.
Sylepta plagiatalis. Hampson: Ill. Typ. Lep. Het., B. M., viii. 38. 1045.
Botys boteralis. Walker: xviii. 716; xix. 994.

Conogethes boteralis. Meyrick: l. c., 1894, p. 6.
Botys orobenalis. Snellen: Tijd. voor Ent., xxiii. p. 210 (1880); xxvi. p. 130, pl. 7, f. 7 (1883).

Type. Moulmein, in B. M.
Type (*plagiatalis*). Ceylon, in coll. Layard.
a. Sarawak, Borneo (type *boteralis*) (Wallace). b. Sula (Wallace).

Since writing my note in Trans. Ent. Soc., Lond., 1890, p. 270, I have received many hundreds of this species from many localities with many intermediates between all the so-called species above referred to.

3456. Sylepta multilinealis.

Botys multilinealis. Guen.: Delt. et Pyral., p. 337, pl. 8, f. 11 (1854).
——— Walker: xviii. 661 (1859).
——— Led.: Wien. Ent. Mon., vii. p. 375, pl. 11, f. 3 (1863).
——— Moore: P. Z. S., Lond., 1867, p. 96; 1877, p. 619.
——— Journ. Linn. Soc., Lond., Zool., xxi. p. 59 (1886).
——— Snellen: Trans. Ent. Soc., Lond., 1890, p. 588.
Notarcha multilinealis. Meyrick: Trans. Ent. Soc., Lond., 1884, p. 312; 1890, p. 443; 1894, p. 462.
Synclera multilinealis. Moore: Lep. Ceylon, iii. p. 315 (1886).
——— S. and C.: Cat. Moths of India, v. 634. 4306 (1888).
——— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 280.
Haritalodes multilinealis. Warren: Ann. Mag. N. H. (6), vi. p. 476 (1890).
——— Hampson: Ill. Typ. Lep. Het., B. M., viii. 38. 1048 (1891); ix. 48. 1254 (1893).
Sylepta multilinealis. Hmn.: Faun. Brit. Ind. Moths, iv. p. 334 (1896).
Zebronia salomealis. Walker: xvii. 476 (1859); xxxiv. 1348 (1865).
——— Swinhoe: P. Z. S., Lond., 1885, p. 870.
Botys otysalis. Walker: xviii. 723.
Botys basipunctalis. Brem.: Lep. Ost. Sib., p. 68, pl. 6, f. 8 (1864).
Botys annuligeralis. Walker: xxxiv. 1424 (1865).
Sylepta derogata. Hampson: (part) P. Z. S., Lond., 1898, p. 722.

Type (*salomealis*). Sierra Leone, in B. M.
Type (*otysalis*). Moreton Bay, in B. M.
a. Sula (type *annuligeralis*) (Wallace). b. Flores (2) (Wallace). c. N. Guinea (Wallace). d. Makian, Celebes (Wallace). e. Ceram (Wallace). f. Japan. g. Amoy, China. h. Cambodia, Siam (Mouhot). i. India (2).

3457. Sylepta ogoalis.

Botys ogoalis. Walker: xviii. 689 (1859).
Sylepta ogoalis. Hampson: Faun. Brit. Ind. Moths, iv. p. 336 (1896).
——— P. Z. S., Lond., 1898, p. 723.
Coptobasis colomboensis. Moore: Lep. Ceylon, iii. p. 556, pl. 215, f. 13 (1887).
——— S. and C.: Cat. Moths of India, v. 628. 4266 (1888).

Type (*colomboensis*) Colombo. Ceylon, in B. M.
a. Sarawak, Borneo (type) (Wallace).

3458. Sylepta quadrimaculalis.

Scopula quadrimaculalis. Kollar: Kasch. von Hugel, p. 492 (1844).

Coptobasis (?) *quadrimaculalis*. Led.: Wien. Ent. Mon., vii. p. 430, pl. 16, f. 12 ♀ (1863).
Botys quadrimaculalis. Snellen: Trans. Ent. Soc., Lond., 1890, p. 589.
Sylepta quadrimaculalis. Hmn.: Faun. Brit. Ind. Moths, iv. p. 336 (1896).
——————— P. Z. S., Lond., 1898, p. 724.
Nagia desmialis. Walker: xxxiv. 1320 (1865).

a. Sarawak, Borneo (type *desmialis*) (Wallace). b. India.

In his vol. iv. p. 300, Hampson through some oversight puts Walker's genus *Nagia* as a synonym of the South American genus *Phryganodes*, Guen., instead of making it a synonym of the genus *Sylepta*, Hübn., at p. 328, the type of *Nagia* being *desmialis*: in P. Z. S., 1898, pp. 677 and 712, he sinks it both to *Phryganodes* and *Sylepta*.

GENUS **LYGROPIA**. Led.: Wien. Ent. Mon., vii. p. 381 (1863).
Deuterarcha. Meyrick: Trans. Ent. Soc., Lond., 1884, p. 312.
Haritala. Moore: Lep. Ceylon, iii. p. 311 (1886).
Pardomima. Warren: Ann. Mag. N. H. (6), vi. p. 477 (1890).

3459. Lygropia quaternalis.

Botys quaternalis. Zeller: Caffr., p. 44 (1852).
——————— Led.: l. c., p. 375.
——————— Walker: xxxiv. 1388 (1865).
Notarcha quaternalis. Meyrick: l. c., 1894, pp. 6 and 461.
Lygropia quaternalis. Hampson: Faun. Brit. Ind. Moths, iv. p. 342 (1896).
——————— P. Z. S., Lond., 1898, p. 728.
Botys temeratalis. Zeller: l. c., p. 45.
Zebronia cassusalis. Walker: xvii. 477 (1859).
Harritala cassusalis. Moore: l. c.
——————— S. and C.: Cat. Moths of India, v. 636. 4320 (1888).
——————— Hampson: Ill. Typ. Lep. Het., B. M., viii. 38. 1058 (1891); ix. 48. 1258 (1893).
Notarcha cassusalis. Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 281.
Notarcha cassalis. Meyrick: l. c., 1884, p. 311.
Zebronia aurolinealis. Walker: xvii. 478.
——————— Butler: P. Z. S., Lond., 1881, p. 622.
——————— Swinhoe: P. Z. S., Lond., 1884, p. 524; 1885, p. 870; 1886, p. 458.
Pycnarmon aurolinealis. Moore: P. Z. S., Lond., 1867, p. 92.
Zebronia amœnalis. Walker: xxxiv. 1352 (1865).
Notarcha chrysoplasta. Meyrick: l. c.
Haritala delicatalis. Hampson: l. c., viii. p. 137, pl. 155, f. 5 (1891).

Type (*cassusalis*). Port Natal, in B. M.
Type (*aurolinealis*). Ceylon, in B. M.
Type (*chrysoplasta*). Duaringa, Queensland, in coll. Meyrick.
Type (*delicatalis*). Nilgiri Hills, in B. M.

a. Sula (type *amœnalis*) (Wallace). b. Ceylon (2) (Thwaites).

3460. Lygropia obrinusalis.

Astura obrinusalis. Walker: xviii. 549 (1859).
Pycnarmon obrinusalis. Moore: P. Z. S., Lond., 1877, p. 617.

Haritala obrinusalis. S. and C.: Cat. Moths of India, v. 637. 4324 (1888).
——————— Hmn.: Ill. Typ. Lep. Het., B.M., viii. 38. 1060 (1891).
Lygropia obrinusalis. Hmn.: (part) Faun. Brit. Ind. Moths, iv. p. 341 (1896).
——————— P. Z. S., Lond., 1898, p. 728.
Zebronia graphicalis. Swinhoe: P. Z. S., Lond., 1886, p. 459.
Haritala graphicalis. Swinhoe and Cotes: l. c., 636. 4322.

Type. Punjab, in B. M.
Type (*graphicalis*). Mhow, in B. M.
a. India (2). b. India (Hearsay).

3461. Lygropia clytusalis.

Astura (?) *clytusalis.* Walker: xviii. 550 (1859).
Lygropia clytusalis. Hampson: P. Z. S., Lond., 1898, p. 728.
Botys clytialis. Led.: Wien. Ent. Mon., vii. p. 375, pl. 10, f. 16 (1863).
Notarcha clytialis. Meyrick: Trans. Ent. Soc., Lond., 1884, p. 312.

Type. New South Wales, in B. M.
a. New South Wales (2).

3462. Lygropia pompusalis.

Botys pompusalis. Walker: xviii. 723 (1859).
Lygropia pompusalis. Hampson: P. Z. S., Lond., 1898, p. 728.

Type. Moreton Bay, in B. M.
a. Moreton Bay.

3463. Lygropia amyntusalis.

Botys amyntusalis. Walker: xviii. 662 (1859).
——————— Moore: P. Z. S., Lond., 1867, p. 96.
Zebronia amyntusalis. Swinhoe: P. Z. S., Lond., 1885, p. 870.
Pelecyntis amyntusalis. Moore: Lep. Ceylon, iii. p. 270, pl. 178, f. 12 (1885).
——————— S. and C.: Cat. Moths of India, v. 640. 4339 (1888).
Pardomima amyntusalis. Warren: Ann. Mag. N. H. (6), vi. p. 477 (1890).
——————— Hmn.: Ill. Typ. Lep. Het., B.M., ix. 49. 1280 (1893).
Conogethes amyntusalis. Meyrick: Trans. Ent. Soc., Lond., 1894, p. 6.
Lygropia amyntusalis. Hampson: Faun. Brit. Ind. Moths, iv. p. 343 (1896).
——————— P. Z. S., Lond., 1898, p. 728.
Asopia critheisalis. Walker: xix. 939 (1859).
Botys semizebralis. Walker: xxxiv. 1407 (1865).
Botys plagiferalis. Walker: xxxiv. 1452.
Glyphodes (?) *testudinalis.* Snellen: Saalm. Mith. Senck. Nat. Ges., p. 297 (1880).
Botys testudinalis. Snellen: Trans. Ent. Soc., Lond., 1890, p. 591.

Type. Ceylon, in B. M.
Type (*critheisalis*). Ceylon, in B. M.
Type (*semizebralis*). South India, in B. M.
Type (*plagiferalis*). Java, in B. M.
a. India (2) (Ashmol. Mus.).

3464. Lygropia sinonalis. Pl. VIII. f. 17.

Botys sinonalis. Walker: xviii. 716 (1859).
Lygropia eurycleal is. Hampson: (part) P. Z. S., Lond., 1898, p. 729.

a. Sarawak, Borneo (type) (Wallace).

3465. Lygropia propinqualis. Pl. VIII. f. 22.

Botys propinqualis. Walker: xxxiv. 1426 (1865).
Lygropia euryclealis. Hampson: (part) P. Z. S., Lond., 1898, p. 729.

a. Flores (type) (Wallace).
A male, not female as stated by Walker.

3466. Lygropia nigrofimbrialis.

Botys nigrofimbrialis. Snellen: Midd.-Sum., iv. Lep., p. 62 (1880).
——— Tijd. voor Ent., xxvi. p. 128, pl. 7, f. 5, 5*a* (1883).
Notarcha (?) *nigrofimbrialis.* Meyrick: Trans. Ent. Soc., Lond., 1894, p. 461.
Lygropia nigrofimbrialis. Hampson: P. Z. S., Lond., 1898, p. 729.

a. Ceram (Wallace).

3467. Lygropia poltisalis.

Botys poltisalis. Walker: xviii. 714 (1859).
Lygropia poltisalis. Hmn.: (part) Faun. Brit. Ind. Moths, iv. p. 344 (1896).
——— P. Z. S., Lond., 1898, p. 729.
Tylostega (?) *poltisalis.* Meyrick: Trans. Ent. Soc., Lond., 1894, p. 458.
Hapalia oblita. Moore: Descr. Ind. Lep. Atk., p. 222 (1888).
——— S. and C.: Cat. Moths of India, v. 600. 4100 (1888).
Botys oblita. Snellen: Trans. Ent. Soc., Lond., 1890, p. 580.

Type (*oblita*). Darjiling, in B. M.
a. Sarawak, Borneo (type) (Wallace).

3468. Lygropia distorta.

Pelecyntis distorta. Moore: Lep. Ceylon, iii. p. 270, pl. 180, f. 7 (1885).
——— S. and C.: Cat. Moths of India, v. 640. 4340 (1888).
Pardomima distorta. Hampson: Ill. Typ. Lep. Het., B. M., viii. 39. 1070 (1891); ix. 49. 1281 (1893).
Lygropia distorta. Hampson: Faun. Brit. Ind. Moths, iv. p. 343 (1896).
——— P. Z. S., Lond., 1898, p. 729.

Type. Ceylon, in B. M.
a. Ceylon (Thwaites).

Sub-Family MARGARONIINÆ.

Genus **AGATHODES.** Guen.: Delt. et Pyral., p. 207 (1854).
Stenurges. Led.: Wien. Ent. Mon., vii. p. 416 (1863).

3469. Agathodes ostentalis.

Perinephela ostentalis. Hübn.: Geyer, Zutr., v. p. 11, ff. 833, 834 (1838).
Agathodes ostentalis. Walker: xvii. 378 (1859).
——— Moore: P. Z. S., Lond., 1867, p. 90.
——— Swinhoe: P. Z. S., Lond., 1885, p. 868.
——— Moore: Lep. Ceylon, iii. p. 555, pl. 215, f. 10 (1887).
——— S. and C.: Cat. Moths of India, v. 630. 4282 (1888).
——— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 278.
——— Hampson: Ill. Typ. Lep. Het., B. M., viii. 37. 1038 (1891); ix. 47. 1238 (1893).

Agathodes ostentalis. Meyrick: Trans. Ent. Soc., Lond., 1894, p. 467.
———— Hampson: Faun. Brit. Ind. Moths, iv. p. 345 (1896).
———— P. Z. S., Lond., 1898, p. 731.
Agathodes ostensalis. Guen.: l. c., 208. 164.
———— Meyrick: l. c., 1887, p. 218.
———— Snellen: Trans. Ent. Soc., Lond., 1890, p. 622.
Stenurges ostensalis. Led.: l. c., p. 417.

a. India (6) (Hearsay). b. Nilgiri Hills. c. Bombay.
d. Ganjam (Minchin). e. Ceram (Wallace).

GENUS **SISYROPHORA.** Led.: Wien. Ent. Mon., vii. p. 399 (1863).

3470. Sisyrophora pfeifferæ.

Sisyrophora pfeifferæ. Led.: l. c., pl. 13, f. 13 (1863).
———— Moore: P. Z. S., Lond., 1867, p. 94; 1878, p. 850.
———— S. and C.: Cat. Moths of India, v. 620. 4216 (1888).
Glyphodes pfeifferæ. Hampson: Faun. Brit. Ind. Moths, iv. p. 346 (1896).
———— P. Z. S., Lond., 1898, p. 732.
Cydalima elwesialis. Snellen: Trans. Ent. Soc., Lond., 1890, p. 607, pl. 19 f. 1, 1*a*.

Type (*elwesialis*). Sikkim, in coll. Elwes.
a. Cherra Punji.

GENUS **HVIDODES.** nom. nov.

Margarodes. Guen.: Delt. et Pyral., p. 301 (1854) (præocc.).

3471. Hvidodes laticostalis.

Margarodes laticostalis. Guen.: l. c., 303. 315 ♀.
Margaronia laticostalis. Walker: xviii. 528 (1859).
———— Meyrick: Trans. Ent. Soc., Lond., 1894, p. 456.
Cydalima laticostalis. Led.: Wien. Ent. Mon., vii. p. 397 (1863).
———— Walker: xxxiv. 1368 (1865).
———— Moore: P. Z. S., Lond., 1867, p. 93; 1877, p. 618.
———— Lep. Ceylon, iii. p. 326, pl. 182, f. 4 (1886).
———— S. and C.: Cat. Moths of India, v. 617. 4201 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 279.
———— Snellen: Trans. Ent. Soc., Lond., 1890, p. 606.
———— Hmn.: Ill. Typ. Lep. Het., B. M., ix. 47. 1217 (1893).
Glyphodes laticostalis. Hampson: Faun. Brit. Ind. Moths, iv. p. 346 (1896).
———— P. Z. S., Lond., 1898, p. 732.
Margarodes nitidicostalis. Guen.: l. c., 303. 316.
Margaronia nitidicostalis. Walker: xviii. 529.
———— Meyrick: l. c., p. 5; 1897, p. 87.
Cydalima nitidicostalis. Led.: l. c.
———— Walker: xxxiv. 1369 (1865).
———— Swinhoe and Cotes: l. c., 4200.
Margaronia leodicealis. Walker: xviii. 530.

a. India (type *leodicealis*). b. Ceylon (5) (Thwaites). c. Silhet.
d. Ceram (Wallace).

GENUS **ARTHROSCHISTA.** Warren MS.

Differs from the genus *Glyphodes*, in having the antennæ of the male with the shaft thickened on the upper side after the excision: and from *Parotis*, in having no fringe of hair on the costa of the forewing below.

3472. Arthroschista hilaralis.

Margaronia hilaralis. Walker: xviii. 532 (1859).
Pachyarches hilaralis. Moore: Lep. Ceylon, iii. p. 328 (1886).
——— S. and C.: Cat. Moths of India, v. 618. 4210 (1888).
Glyphodes hilaralis. Hampson: Faun. Brit. Ind. Moths, iv. p. 348 (1896).
——— P. Z. S., Lond., 1898, p. 733.
Margarodes aquosalis. Snellen: Midd.-Sum., iv. Lep., p. 66 (1880).
——— Tijd. voor Ent., xxvi. p. 141 (1883).
Margaronia aquosalis. Snellen: Trans. Ent. Soc., Lond., 1890, p. 610.
——— Meyrick: Trans. Ent. Soc., Lond., 1894, p. 456.

Type. Ceylon, in B. M.
a. Sikkim.

3473. Arthroschista tricoloralis.

Margarodes tricoloralis. Pag.: J. B. Nass. Ver., 1888, p. 190.
Glyphodes tricoloralis. Hampson: P. Z. S., Lond., 1898, p. 733.

a. Java (Wallace).

GENUS **PAROTIS.** Hübn.: Zuträge, iii. p. 30 (1825).
Pachyarches. Led.: Wien. Ent. Mon., vii. p. 398 (1863).

3474. Parotis psittacalis.

Parotis psittacalis. Hübn.: l. c., ff. 523, 524.
——— Hampson: Ill. Typ. Lep. Het., B. M., viii. 37. 1030 (1891); ix. 47. 1226 (1893).
Margarodes psittacalis. Guen.: Delt. et Pyral., 308. 332 (1854).
Margaronia psittacalis. Walker: xviii. 529 (1859).
Pachyarches psittacalis. Led.: l. c.
——— Moore: P. Z. S., Lond., 1867, p. 94.
——— Meyrick: Trans. Ent. Soc., Lond., 1884, p. 296; 1887, p. 210.
——— Moore: Lep. Ceylon, iii. p. 327 (1886).
——— S. and C.: Cat. Moths of India, v. 619. 4213 (1888).
——— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 279.
——— Snellen: Trans. Ent. Soc., Lond., 1890, p. 608.
Glyphodes psittacalis. Hampson: Faun. Brit. Ind. Moths, iv. p. 347 (1896).
Margaronia maliferalis. Walker: xxxiv. 1363 ♂ (1865).
——— Swinhoe: P. Z. S., Lond., 1885, p. 871.
Pachyarches maliferalis. Moore: P. Z. S., Lond., 1877, p. 618.
Glyphodes marinata. Hampson: (part) P. Z. S., Lond., 1898, p. 733.

Type (*maliferalis*). Darjiling, in B. M.
a. Bombay.

GENUS **DYSALLACTA**. Led.: Wien. Ent. Mon., vii. p. 393 (1863).

3475. Dysallacta negatalis.

Phalangiodes (?) *negatalis*. Walker: xvii. 468 (1859).
Dysallacta negatalis. Led.: l. c., pl. 13, f. 6.
——————— Walker: xxxiv. 1479 (1865).
——————— Moore: P. Z. S., Lond., 1867, p. 97.
——————— Swinhoe: P. Z. S., Lond., 1885, p. 872.
——————— Moore: Lep. Ceylon, iii. p. 353 (1886).
——————— Meyrick: Trans. Ent. Soc., Lond., 1887, p. 230.
——————— S. and C.: Cat. Moths of India, v. 607. 4143 (1888).
——————— Snellen: Trans. Ent. Soc., Lond., 1890, p. 605.
——————— Hampson: Ill. Typ. Lep. Het., B. M., viii. 37. 1039 (1891); ix. 47. 1237 (1893).
Glyphodes negatalis. Hampson: Faun. Brit. Ind. Moths, iv. p. 347 (1896).
——————— P. Z. S., Lond., 1898, p. 733.
Botys monesusalis. Walker: xviii. 653 (1859).
Botys phanasalis. Walker: xviii. 727.

Type. Ceylon, in B. M.
Type (*monesusalis*). Punjab, in B. M.
Type (*phanasalis*). Moreton Bay, in B. M.
a. India (2). b. India (12) (Hearsay).

GENUS **TANGLA**. nov.

Differs from *Glyphodes*, in the male having the antennæ fringed with hair on the upper side, not thickened, and without the tuft of scales near base.

3476. Tangla zangisalis. Pl. VIII. f. 11.

Glyphodes zangisalis. Walker: xvii. 504 (1859).
——————— Hmn.: Faun. Brit. Ind. Moths, iv. p. 348 (1896).
——————— P. Z. S., Lond., 1898, p. 734.

a. Sarawak, Borneo (type) (Wallace).

GENUS **ENCHOCNEMIDIA**. Led.: Wien. Ent. Mon., vii. p. 399 (1863).

3477. Enchocnemidia squamopedalis.

Margarodes squamopedalis. Guen.: Delt. et Pyral., 309. 335 (1854).
Margaronia squamopedalis. Walker: xviii. 526 (1859).
Enchocnemidia squamopedalis. Led.: l. c., pl. 13, f. 12.
——————— Walker: xxxiv. 1367 (1865).
Glyphodes vertumnalis. Hmn.: (part) Faun. Brit. Ind. Moths, iv. p. 349 (1896).
——————— P. Z. S., Lond., 1898, p. 735.

a. Mysol (Wallace). b. Ceram (Wallace). c. New Guinea (Wallace).

The type is said to have come from the Cape of Good Hope, but Lederer erected the genus on a specimen from Amboina: in the male it has a tuft of long hairs on the hind-tibiæ, and a tuft of long hairs on

the inner area of hind-wings: Snellen records it from India, Trans. Ent. Soc., Lond., 1890, p. 11, but this is a mistake, the examples in coll. Elwes therein referred to, are males of *vertumnalis*: Lederer's *squamopedalis* is a much larger insect with the tuft of hairs on the hind-leg, larger, pale reddish-brown in colour, not blackish-brown as in the Indian insect.

3478. Enchocnemidia vertumnalis.

Margarodes vertumnalis. Guen.: Delt. et Pyral., 309. 333 (1854).
——— Meyrick: Trans. Ent. Soc., Lond., 1887, p. 209.
Margaronia vertumnalis. Walker: xviii. 530 (1859).
——— Meyrick: l. c., 1897, p. 87.
Pachyarches vertumnalis. Led.: Wien. Ent. Mon., vii. p. 398 (1863).
——— Moore: P. Z. S., Lond., 1878, p. 850.
——— S. and C.: Cat. Moths of India, v. 619. 4215 (1888).
——— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 279.
——— Snellen: Trans. Ent. Soc., Lond., 1890, p. 608.
Glyphodes vertumnalis. Hmn.: (part) Faun. Brit. Ind. Moths, iv. p. 349 (1896).
——— P. Z. S., Lond., 1898, p. 735.
Margaronia phryneusalis. Walker: xviii. 531.
——— Swinhoe: P. Z. S., Lond., 1885, p. 871.
Enchocnemidia phryneusalis. Moore: Lep. Ceylon, iii. p. 328, pl. 182, f. 12 (1886).
——— Swinhoe and Cotes: l. c., 617. 4204.
——— Snellen: l. c., p. 611.
——— Hampson: Ill. Typ. Lep. Het., B. M., viii. 37. 1029 (1891); ix. 47. 1225 (1893).
Margaronia morvusalis. Walker: xviii. 533.
Margaronia atlitalis. Walker: xviii. 533.
Margaronia melanuralis. Walker: xxxiv. 1363 (1865).
Margaronia proximalis. Walker: xxxiv. 1364.
Margaronia herbidalis. Walker: xxxiv. 1365.
Pachyarches tibialis. Moore: P. Z. S., Lond., 1877, p. 618.
——— Swinhoe and Cotes: l. c., 619. 4214.
Enchocnemidia squamopedalis. Snellen (nec Guen. nec Led.): Trans. Ent. Soc., Lond., 1890, p. 611.

Type (*phryneusalis*). N. India, in B. M.
Type (*atlitalis*). Sarawak, Borneo, in B. M.
Type (*herbidalis*). Ceram, in B. M.
Type (*tibialis*). S. Andamans, in B. M.
a. Sarawak (type *morvusalis*) (Wallace). b. Flores (type *melanuralis*) (Wallace). c. Makian, Celebes (type *proximalis*) (Wallace). d. New Guinea (Wallace). e. Khasia Hills (2).

GENUS **CENOCNEMIS**. Warren: Ann. Mag. N. H. (6), xviii. p. 116 (1896).

3479. Cenocnemis marginata.

Cenocnemis marginata. Hmn.: Ill. Typ. Lep. Het., B. M., ix. p. 169, pl. 173, f. 23 (1893).

Glyphodes marginata. Hampson: Faun. Brit. Ind. Moths, iv. p. 348 (1896).
———— P. Z. S., Lond., 1898, p. 735.

Type. Ceylon, in B. M.

a. Sarawak, Borneo (Wallace). b. Waigiu (Wallace). c. Ceylon (2) (Thwaites). d. Sula (Wallace). e. Singapore. f. Assam (Jenkins).

A genus with a tuft of hairs on inner area of hind-wings below; superficially only distinguishable from *Enchocnemidia vertumnalis* by the difference in the colouration of the cilia of the wings, being fuscous tipped with grey, and has no basal pale line to the cilia, which is very pronounced in *phryneusalis*.

3480. Cenocnemis confinis.

Glyphodes confinis. Hampson: P. Z. S., Lond., 1898, p. 735.

Type. Australia, in B. M.

a. New South Wales. b. Australia (2).

GENUS **MARGARONIA.** Hübn.: Verz., p. 358 (1816).
Glyphodes. Guen.: Delt. et Pyral., p. 292 (1854).
Chloauges. Led.: Wien. Ent. Mon., vii. p. 405 (1863).
Cadarena. Moore: Lep. Ceylon, iii. p. 335 (1886).
Pitama. Moore: Descr. Ind. Lep. Atk., p. 217 (1888).

3481. Margaronia pomonalis.

Margarodes pomonalis. Guen.: l. c., 309. 334.
Margaronia pomonalis. Walker: xviii. 530 (1859).
———— Butler: P. Z. S., Lond., 1880, p. 685.
———— Swinhoe: P. Z. S., Lond., 1885, p. 871.
———— Meyrick: Trans. Ent. Soc., Lond., 1894, p. 456.
Pachyarches pomonalis. Led.: l. c., p. 398.
———— Moore: P. Z. S., Lond., 1867, p. 94.
———— Lep. Ceylon, iii. p. 327, pl. 182, f. 7 *a* (1886).
———— S. and C.: Cat. Moths of India, v. 619. 4212 (1888).
Glyphodes pomonalis. Hampson: Faun. Brit. Ind. Moths, iv. p. 350 (1896).
———— P. Z. S., Lond., 1898, p. 741.

a. Khasia Hills. b. Indore (6) (Hearsay).

3482. Margaronia glauculalis.

Margarodes glauculalis. Guen.: Delt. et Pyral., 306. 325 (1854).
———— Led.: Wien. Ent. Mon., vii. p. 398 (1863).
Margaronia glauculalis. Walker: xviii. 532 (1859).
———— Moore: Lep. Ceylon, iii. p. 325, pl. 181, f. 2, 2*a* (1886).
———— S. and C.: Cat. Moths of India, v. 618. 4207 (1888).
———— Hmn.: Ill. Typ. Lep. Het., B.M., ix. 47. 1223 (1893).
———— Meyrick: Trans. Ent. Soc., Lond., 1894, p. 456.
Glyphodes glauculalis. Hmn.: (part) Faun. Brit. Ind. Moths, iv. p. 350 (1896).
———— P. Z. S., Lond., 1898, p. 741.
Margaronia vertumnalis. Swinhoe (nec Guen.): P. Z. S., Lond., 1885, p. 871.
Margarodes nereis. Meyrick: Trans. Ent. Soc., Lond., 1887, p. 271.

a. Ceylon (4) (Thwaites). b. Cambodia, Siam (Mouhot). c. Singapore (Wallace). d. Sarawak, Borneo (Wallace). e. Fiji. f. New Guinea (Wallace).

3483. Margaronia marthesiusalis.

Margaronia marthesiusalis. Walker: xviii. 531 (1859).
Pachyarches marthesiusalis. Moore: P. Z. S., Lond., 1867, p. 94; 1878, p. 850.
——————— S. and C.: Cat. Moths of India, v. 619. 4211 (1888).
——————— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 279.
Glyphodes glauculalis. Hmn.: (part) Faun. Brit. Ind. Moths, iv. p. 350 (1896).
——————— P. Z. S., Lond., 1898, p. 741.

Type. India, in B. M.

a. India. b. Ceram (Wallace).

Quite distinct from the green *glauculalis*.

3484. Margaronia punctiferalis.

Margaronia punctiferalis. Walker: xxxiv. 1364 (1865).
Glyphodes punctiferalis. Hmn.: Faun. Brit. Ind. Moths, iv. p. 351 (1896).
——————— P. Z. S., Lond., 1898, p. 741.

a. New Guinea (type) (Wallace). b. Ceram (2) (Wallace). c. Aru (Wallace).

3485. Margaronia amphitritalis.

Margarodes amphitritalis. Guen.: Delt. et Pyral., 307. 327 (1854).
Margaronia amphitritalis. Walker: xviii. 529 (1859); xxxiv. 1363 (1865).
——————— Meyrick: Trans. Ent. Soc., Lond., 1894, p. 5.
Pachyarches amphitritalis. Led.: Wien. Ent. Mon., vii. p. 398 (1863).
——————— Moore: P. Z. S., Lond., 1867, p. 94.
——————— S. and C.: Cat. Moths of India, v. 618. 4209 (1888).
——————— Snellen: Trans. Ent. Soc., Lond., 1890, p. 609.
Glyphodes amphitritalis. Hmn.: Faun. Brit. Ind. Moths, iv. p. 350 (1896).
——————— P. Z. S., Lond., 1898, p. 741.

a. Gilolo (Wallace). b. Mysol (Wallace). c. New Guinea (Wallace). d. Aru (Wallace).

Walker, in vol. xxxiv. p. 1363, redescribed Guenee's species apparently by oversight, omitting to mention that it was Guenee's species: he described the three examples from Gilolo, Mysol, and New Guinea wrongly as females, the first two being males.

3486. Margaronia unionalis.

Pyralis unionalis. Hübn.: Pyral., pl. 20, f. 132 (1805).
Botys unionalis. Treit.: Schm. Eur., vii. 116. 27 (1829).
——————— Dup.: Lep. Fr., viii. p. 155, pl. 220, f. 4 (1830).
——————— Herr. Schäff.: Schm. Eur., iv. 25. 62 (1849).
Margaronia unionalis. Hübn.: Verz., 358. 3429 (1816).
——————— Walker: xviii. 519 (1859).
——————— Snellen: Trans. Ent. Soc., Lond., 1890, p. 610.
——————— Hampson: Ill. Typ. Lep. Het., B. M., viii. 37. 1026 (1891); ix. 47. 1221 (1893).
Margarodes unionalis. Guen.: Delt. et Pyral., 305. 321 (1854).
Glyphodes unionalis. Hmn.: (part) Faun. Brit. Ind. Moths, iv. p. 351 (1896).
——————— P. Z. S., Lond., 1898, p. 739.

a. Karachi (Swinhoe).

3487. Margaronia quinquepunctalis.

Botys quinquepunctalis. Boisd.: Faun. Ent. Madag., p. 117, pl. 16, f. 5 (1834).
Margarodes transvisalis. Guen.: Delt. et Pyral., 304. 320 (1854).
——— Led.: Wien. Ent. Mon., vii. p. 398 (1863).
Margaronia transvisalis. Walker: xviii. 525 (1859); xix. 976 (1859).
——— Moore: P. Z. S., Lond., 1867, p. 94.
——— Warren: P. Z. S., Lond., 1888, p. 334.
——— S. and C.: Cat. Moths of India, v. 618. 4208 (1888).
——— Hmn.: Ill. Typ. Lep. Het., B.M., viii. 37. 1027 (1891).
Margaronia claralis. Walker: xxxiv. 1362 (1865).
Margaronia intactalis. Walker: xxxiv. 1402.
Glyphodes unionalis. Hmn.: (part) Faun. Brit. Ind. Moths, iv. p. 351 (1896).
——— P. Z. S., Lond., 1898, p. 739.

Types (*claralis* and *intactalis*). S. Africa, in B. M.
a. India (4) (Hearsay). b. Sarawak, Borneo (Wallace).

3488. Margaronia nigropunctalis.

Margarodes nigropunctalis. Brem.: Lep. Ost-Sib., p. 67, pl. 6, f. 5 (1864).
Margaronia nigropunctalis. Snellen: Trans. Ent. Soc., Lond., 1890, p. 610.
——— Hampson: Ill. Typ. Lep. Het., B. M., viii. 37. 1028 (1891); ix. 47. 1222 (1893).
Glyphodes nigropunctalis. Hmn.: Faun. Brit. Ind. Moths, iv. p. 352 (1896).
——— P. Z. S., Lond., 1898, p. 739.
Botys submarginalis. Walker: xxxiv. 1414 (1865).
Cydalmia submarginalis. Swinhoe: P. Z. S., Lond., 1885, p. 871.
——— S. and C.: Cat. Moths of India, v. 617. 4203 (1888).
Margaronia neomera. Butler: Ill. Typ. Lep. Het., B. M., ii. p. 57, pl. 39, f. 5 (1878).

Type (*submarginalis*). Penang, in B. M.
Type (*neomera*). Japan, in B. M.
a. Penang (Cantor). b. Nilgiri Hills (Cardew).

3489. Margaronia annulata.

Phalæna annulata. Fabr.: Ent. Syst., iii. (2), p. 214 (1794).
Glyphodes annulata. Hampson: (part) P. Z. S., Lond., 1898, p. 740.
Botys celsalis. Walker: xviii. 654 (1859).
Margaronia celsalis. Swinhoe: P. Z. S., Lond., 1885, p. 871.
——— Moore: Lep. Ceylon, iii. p. 325, pl. 181, f. 4 (1886).
——— S. and C.: Cat. Moths of India, v. 618. 4205 (1888).
——— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 279.
——— Snellen: Trans. Ent. Soc., Lond., 1890, p. 610.
——— Hampson: Ill. Typ. Lep. Het., B. M., viii. 37. 1025 (1891); ix. 47. 1220 (1893).
——— Meyrick: Trans. Ent. Soc., Lond., 1894, p. 6; 1897, p. 87.
Glyphodes celsalis. Hampson: Faun. Brit. Ind. Moths, iv. p. 352 (1896).
Botys partialis. Led.: Wien. Ent. Mon., vii. pp. 371. 465, pl. 9, f. 8 (1863).
Margaronia usitata. Butler: Ann. Mag. N. H. (5), iv. p. 454 (1879).

Type in Banksian cabinet, B. M.
Type (*usitata*). Japan, in B. M.
a. Sarawak, Borneo (type *celsalis*) (Wallace). b. Nilgiri Hills.
c. Ceylon (2) (Thwaites).

3490. Margaronia fraterna.

Margaronia fraterna. Moore: Descr. Ind. Lep. Atk., p. 217 (1888).

Margaronia fraterna. S. and C.: Cat. Moths of India, v. 618. 4206 (1888).
Glyphodes fraterna. Hampson: Faun. Brit. Ind. Moths, iv. p. 352 (1896).
———————— P. Z. S., Lond., 1898, p. 740.

Type. Cherra Punji, in coll. Staudinger.
a. India (Ashmol. Mus.). b. Khasia Hills (3).

3491. Margaronia hermesalis.

Tobata hermesalis. Walker: xviii. 516 (1859).
Glyphodes hermesalis. Hampson: Faun. Brit. Ind. Moths, iv. p. 353 (1896).
———————— P. Z. S., Lond., 1898, p. 739.
Pitama lativitta. Moore: Descr. Ind. Lep. Atk., p. 217, pl. 7, f. 21 (1888).
———————— S. and C.: Cat. Moths of India, v. 623. 4230 (1888).

Type (*lativitta*). Darjiling, in coll. Staudinger.
a. Sarawak, Borneo (type ♀) (Wallace). b. India, ♂.

3492. Margaronia badialis.

Botys badialis. Walker: xviii. 694 (1859).
Margaronia badialis. Meyrick: Trans. Ent. Soc., Lond., 1894, p. 456.
Glyphodes badialis. Hampson: Faun. Brit. Ind. Moths, iv. p. 360 (1896).
———————— P. Z. S., Lond., 1898, p. 736.

a. Sarawak, Borneo (type) (Wallace).

3493. Margaronia sinuata.

Phalæna sinuata. Fabr.: Sp. Ins., ii. 267. 153 (1781).
———————— Ent. Syst., iii. (2), 208. 295 (1794).
Botys sinuata. Led.: Wien. Ent. Mon., vii. p. 371 (1863).
Cadarena sinuata. Moore: Lep. Ceylon, iii. p. 336, pl. 183, f. 2, 2 *a* (1886).
———————— S. and C.: Cat. Moths of India, v. 604. 4124 (1888).
———————— Hampson: Ill. Typ. Lep. Het., B. M., viii. 40. 1100 (1891); ix. 50. 1332 (1893).
Glyphodes sinuata. Hampson: Faun. Brit. Ind. Moths, iv. p. 358 (1896).
———————— P. Z. S., Lond., 1898, p. 747.
Phalæna (Geometra) marginata. Cram.: Pap. Exot., iv. pl. 400, f. I (1782).
Botys marginata. Swainson: Zool. Illustr. (1), ii. pl. 77, f. 1 (1821).
Botys marginalis. Guen.: Delt. et Pyral., 343. 394 (1854).
———————— Walker: xviii. 633 (1859).

a. Ceylon (4) (Thwaites).

3494. Margaronia stolalis.

Glyphodes stolalis. Guen.: Delt. et Pyral., 293. 296, pl. 3, f. 11 (1854).
———————— Walker: xvii. 497 (1859).
———————— Led.: Wien. Ent. Mon., vii. p. 402 (1863).
———————— Moore: P. Z. S., Lond., 1867, p. 92; 1878, p. 849.
———————— Snellen: Tijd. voor Ent., xxvi., p. 143 (1883).
———————— Meyrick: Trans. Ent. Soc., Lond., 1886, p. 224; 1894, p. 456.
———————— Moore: Lep. Ceylon, iii. p. 321 (1886).
———————— S. and C.: Cat. Moths of India, v. 615. 4189 (1888).
———————— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 613.
———————— Hmn.: Ill. Typ. Lep. Het., B. M., ix. 47. 1232 (1893).
———————— Faun. Brit. Ind. Moths, iv. 354 (1896).
———————— P. Z. S., Lond., 1898, p. 744.

Glyphodes diurnalis. Swinhoe (nec Guen.) : P. Z. S., Lond., 1885, p. 872.

a. Sarawak, Borneo (Wallace). b. India (Horsley). c. India. d. Darjiling.

3495. Margaronia lacustralis.

Glyphodes lacustralis. Moore : P. Z. S., Lond., 1867, p. 93, pl. 7, f. 11.
——————— S. and C. : Cat. Moths of India, v. 614. 4185 (1888).
——————— Snellen : Trans. Ent. Soc., Lond., 1890, p. 614.
——————— Hampson : Faun. Brit. Ind. Moths, iv. p. 357 (1896).
——————— P. Z. S., Lond., 1898, p. 747.

Type. Bengal, in coll. Staudinger.

a. India.

3496. Margaronia sabacusalis.

Glyphodes sabacusalis. Walker : xvii. 504 (1859).
——————— Hampson : P. Z. S., Lond., 1898, p. 743.
Talanga delectalis. Snellen : Tijd. voor Ent., xxxvii. p. 38, pl. 6, f. 2, 3 (1894).

a. Sarawak, Borneo (type) (Wallace).

3497. Margaronia eurytusalis.

Glyphodes eurytusalis. Walker : xvii. 503 (1859).
——————— Hampson : Faun. Brit. Ind. Moths, iv. p. 355 (1896).
——————— P. Z. S., Lond., 1898, p. 743.
Glyphodes opalalis. Hampson : Ill. Typ. Lep. Het., B. M., viii. p. 135, pl. 155, f. 20 (1891).

Type (*opalalis*). Nilgiri Hills, in B. M.

a. Sarawak, Borneo (type) (Wallace).

3498. Margaronia naralis.

Glyphodes naralis. Felder : Reise Nov. Lep., pl. 136, f. 38 (1874).
——————— Snellen : Trans. Ent. Soc., Lond., 1890, p. 613.
——————— Hampson : Faun. Brit. Ind. Moths, iv. p. 356 (1896).
——————— P. Z. S., Lond., 1898, p. 744.
Glyphodes lacteata. Butler : P. Z. S., Lond., 1880, p. 685.

Type. Sarawak, Borneo, in coll. Rothschild.

Type (*lacteata*). Sarawak, in B. M.

a. Sarawak (Wallace).

3499. Margaronia zelimalis.

Glyphodes zelimalis. Walker : xvii. 502 (1859) ; xix. 974 (1859).
——————— Moore : Lep. Ceylon, iii. p. 557, pl. 215, f. 6 (1887).
——————— S. and C. : Cat. Moths of India, v. 615. 4190 (1888).
——————— Hampson : Ill. Typ. Lep. Het., B. M., viii. 37. 1035 (1891) ; ix. 47. 1231 (1893).
——————— Faun. Brit. Ind. Moths, iv. p. 355 (1896).
——————— P. Z. S., Lond., 1898, p. 743.
Glyphodes nyctealis. Snellen : Midd.-Sum., iv. Lep., p. 68 (1880).

a. Sarawak, Borneo (type) (Wallace).

3500. Margaronia itysalis.

Glyphodes itysalis. Walker : xvii. 501 (1859).
——————— Moore : Lep. Ceylon, iii. p. 323, pl. 180, f. 4 (1886).

Glyphodes itysalis. S. and C.: Cat. Moths of India, v. 614. 4184 (1888).
———— Hmn.: Ill. Typ. Lep. Het., B.M., viii. 37. 1033 (1891).
———— Faun. Brit. Ind. Moths, iv. p. 354 (1896).
———— P. Z. S., Lond., 1898, p. 743.
Glyphodes ityalis. Meyrick: Trans. Ent. Soc., Lond., 1887, p. 212; 1897, p. 87.
Glyphodes pierpersialis. Snellen: Midd.-Sum., iv. Lep., p. 68 (1880).
Glyphodes malayana. Butler: P. Z. S., Lond., 1880, p. 684.

Type (*malayana*). Takow, Formosa, in B. M.

a. Sarawak, Borneo (type) (Wallace). b. Nilgiri Hills.

3501. Margaronia principalis.

Glyphodes principalis. Walker: xxxiv. 1358 (1865).
———— Hampson: P. Z. S., Lond., 1898, p. 742.
Margaronia principalis. Meyrick: Trans. Ent. Soc., Lond., 1894, pp. 5 and 456.

a. Sumatra (type) (Wallace).

3502. Margaronia prothymalis.

Glyphodes prothymalis. Swinhoe: Trans. Ent. Soc., Lond., 1892, p. 19, pl. 1, f. 15.
———— Hmn.: Faun. Brit. Ind. Moths, iv. p. 359 (1896).
———— P. Z. S., Lond., 1898, p. 742.

Type. Khasia Hills, in B. M.

a. Cherra Punji.

3503. Margaronia quadrimaculalis.

Botys quadrimaculalis. Brem. and Grey: Beitrage, p. 22 (1853).
Desmia (?) *quadrimaculalis.* Walker: xix. 934 (1859).
Glyphodes quadrimaculalis. Led.: Wien. Ent. Mon., vii. p. 402 (1863).
———— Staud. and W.: Cat., No. 253 (1871).
———— Hampson: P. Z. S., Lond., 1898, p. 742.
Glyphodes consocialis. Led.: l. c., pl. 14, f. 2.

a. Japan.

3504. Margaronia actorionalis.

Glyphodes actorionalis. Walker: xvii. 498 (1859).
———— Moore: P. Z. S., Lond., 1867, p. 92; 1877, p. 618.
———— Swinhoe: P. Z. S., Lond., 1885, p. 871.
———— Meyrick: Trans. Ent. Soc., Lond., 1886, p. 224.
———— Moore: Lep. Ceylon, iii. p. 322, pl. 180, f. 1a (1886).
———— S. and C.: Cat. Moths of India, v. 613. 4177 (1888).
———— Hmn.: Ill. Typ. Lep. Het., B.M., ix. 47. 1230 (1893).
———— (part) Faun. Brit. Ind. Moths, iv. p. 359 (1896).
———— P. Z. S., Lond., 1898, p. 742.
Glyphodes zelleri. Led.: Wien. Ent. Mon., vii. pp. 402, 478, pl. 14, f. 3 (1863).
———— Snellen: Trans. Ent. Soc., Lond., 1890, p. 612.
Lypotigris jovialis. Felder: Reise Nov. Lep., pl. 136, f. 25 (1874).
Glyphodes jovialis. Snellen: Tijd. voor Ent., xxvi. p. 141 (1883).

Type. N. India, in B. M.

Type (*jovialis*). Moluccas, in coll. Rothschild.

a. Ceylon (3) (Thwaites). b. Sarawak, Borneo (Wallace).
c. Sula (Wallace). d. Ceram (Wallace).

3505. Margaronia conclusalis.

Glyphodes conclusalis. Walker: xxxiv. 1354 (1865).
——————— S. and C.: Cat. Moths of India, v. 614. 4182 (1888).
——————— Snellen: Trans. Ent. Soc., Lond., 1890, p. 612.
——————— Hampson: Ill. Typ. Lep. Het., B. M., viii. 37. 1036, pl. 156, f. 12 (1891).
Margaronia conclusalis. Meyrick: Trans. Ent. Soc., Lond., 1894, p. 456.
Glyphodes tumidalis. Warren: Ann. Mag. N. H. (6), xviii. p. 118 (1896).
Glyphodes violalis. Warren: l. c.
Glyphodes actorionalis. Hmn.: (part) Faun. Brit. Ind. Moths. iv. p. 359 (1896).
——————— P. Z. S., Lond., 1898, p. 742.

Type. India, in B. M.
Type (*tumidalis*). Sikkim, in coll. Rothschild.
Type (*violalis*). Khasia Hills, in coll. Rothschild.
a. India (2). b. Ganjam (Minchin). c. Aru (Wallace).
d. Mysol (Wallace). e. Makian, Celebes (Wallace).

3506. Margaronia bivitralis.

Glyphodes bivitralis. Guen.: Delt. et Pyral., 293. 298 (1854).
——————— Walker: xvii. 497 (1859).
——————— Led.: Wien. Ent. Mon., vii. p. 402 (1863).
——————— Moore: P. Z. S., Lond., 1878, p. 849.
——————— Butler: P. Z. S., Lond., 1880, p. 684.
——————— Moore: Lep. Ceylon, iii. p. 322, pl. 180, f. 2, 2*a* (larva) (1886).
——————— Meyrick: Trans. Ent. Soc., Lond., 1887, p. 212.
——————— S. and C.: Cat. Moths of India, v. 613. 4179 (1888).
——————— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 278.
——————— Snellen: Trans. Ent. Soc., Lond., 1890, p. 613.
——————— Hampson: Ill. Typ. Lep. Het., B. M., viii. 37. 1032 (1891); ix. 47. 1233 (1893).
——————— Faun. Brit. Ind. Moths, iv. p. 355 (1896).
——————— (part) P. Z. S., Lond., 1898, p. 743.
Margaronia bivitralis. Meyrick: l. c., 1894, p. 456.

a. Ceylon (9) (Thwaites). b. Bombay. c. Bangalore (Minchin). d. Sarawak, Borneo (Wallace). e. Amoy, China.

Minchin notes that the larva is a leaf roller on a plant commonly parasitic on the Banyan-tree.

3507. Margaronia bicolor.

Botys bicolor. Swainson: Zool. Illustr. (1), ii. pl. 77, f. 2 (1821).
Glyphodes bicolor. Led.: Wien. Ent. Mon., vii. p. 402 (1863).
——————— Moore: Lep. Ceylon, iii. p. 321 (1886).
——————— S. and C.: Cat. Moths of India, v. 613. 4178 (1888).
——————— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 278.
——————— Snellen: Trans. Ent. Soc., Lond., 1890, p. 612.
——————— Hmn.: Ill. Typ. Lep. Het., B. M., ix. 47. 1229 (1893).
——————— Faun. Brit. Ind. Moths, iv. p. 358 (1896).
——————— P. Z. S., Lond., 1898, p. 742.
Margaronia bicolor. Meyrick: Trans. Ent. Soc., Lond., 1894, p. 456.
Eudioptis perspicillalis. Zeller: Caffr., p. 53 (1852).
Phacellura perspicillalis. Led.: l. c., p. 400.

Glyphodes perspicillalis. Meyrick: l. c., 1884, p. 299.
Glyphodes diurnalis. Guen.: Delt. et Pyral., 294. 300, pl. 5, f. 5 (1854).
———— Walker: xvii. 498 (1859).
———— Led.: Wien. Ent. Mon., vii. p. 402 (1863).
———— Moore: P. Z. S., Lond., 1867, p. 92.
———— Snellen: Tijd. voor Ent., xxvi. p. 142 (1883).
———— Moore: Journ. Linn. Soc., Lond., Zool., xxi. p. 59 (1886).
Glyphodes parvalis. Walker: xxxiv. 1355 (1865).
———— Swinhoe: P. Z. S., Lond., 1885, p. 872.

Type (*parvalis*). S. India, in B. M.

a. India (3) (Ashmol. Mus.). b. Ceylon (7) (Thwaites). c. New Guinea (Wallace).

3508. Margaronia ernalis.

Glyphodes ernalis. Swinhoe: Ann. Mag. N. H. (6), xiv. p. 148 (1894).
———— Hampson: Faun. Brit. Ind. Moths, iv. p. 359 (1896).
———— P. Z. S., Lond., 1898, p. 742.

Type. Shillong, in B. M.

a. Khasia Hills (3). b. India.

3509. Margaronia pyloalis.

Glyphodes pyloalis. Walker: xix. 973 (1859).
———— Moore: Lep. Ceylon, iii. p. 321, pl. 180, f. 3 (1886).
———— S. and C.: Cat. Moths of India, v. 615. 4188 (1888).
———— Hmn.: Ill. Typ. Lep. Het., B. M., ix. 47. 1235 (1893).
———— Faun. Brit. Ind. Moths, iv. p. 357 (1896).
———— P. Z. S., Lond., 1898, p. 746.
Glyphodes sylpharis. Butler: Ill. Typ. Lep. Het., B. M., ii. p. 57, pl. 39, f. 2 (1878).

Type. N. China, in B. M.

Type (*sylpharis*). Yokohama, in B. M.

a. N. China.

3510. Margaronia conjunctalis.

Glyphodes conjunctalis. Walker: xxxiv. 1357 (1865).
———— Hampson: P. Z. S., Lond., 1898, p. 741.
Glyphodes actorionalis. Led. (nec Walker): Wien. Ent. Mon., vii. p. 402, pl. 14, f. 4 (1863).
Glyphodes ledereri. Butler: Ann. Mag. N. H. (5), xiii. p. 203 (1884).

Type (*ledereri*). Amboina, in B. M.

a. Sula (type) (Wallace). b. Mysol (Wallace). c. New Guinea (2) (Wallace). d. Ké Island (Wallace).

3511. Margaronia canthusalis.

Glyphodes canthusalis. Walker: xvii. 505 (1859).
———— Hmn.: Faun. Brit. Ind. Moths, iv. p. 357 (1896).
———— P. Z. S., Lond., 1898, p. 747.
Botys luciferalis. Walker: xxxiv. 1412 (1865).
Glyphodes luciferalis. Moore: P. Z. S., Lond., 1867, p. 92.
———— Swinhoe: P. Z. S., Lond., 1885, p. 872.

Glyphodes luciferalis. S. and C.: Cat. Moths of India, v. 614. 4186 (1888).
———— Snellen: Trans. Ent. Soc., Lond., 1890, p. 614.
Glyphodes lora. Walker: xxxv. 1978 (1866).
Glyphodes spectandalis. Snellen: Tijd. voor Ent., xxxviii. p. 138, pl. 6, f. 1 (1895).

Type (*luciferalis*). Kanara, in B. M.
Type (*lora*). Darjiling, in B. M.
a. Sarawak, Borneo (type) (Wallace). b. Bombay. c. India.

3512. Margaronia phytonalis. Pl. VIII. f. 10.

Botys phytonalis. Walker: xviii. 698 (1859).
Glyphodes phytonalis. Hampson: P. Z. S., Lond., 1898, p. 747.

Type. Sarawak, Borneo, in B. M.
a. Sarawak (Wallace).

3513. Margaronia cæsalis.

Glyphodes cæsalis. Walker: xvii. 499 (1859).
———— Moore: P. Z. S., Lond., 1867, p. 92.
———— Snellen: Trans. Ent. Soc., Lond., 1890, p. 614.
———— Hmn.: Ill. Typ. Lep. Het., B. M., viii. 37. 1037 (1891); ix. 47. 1234 (1893).
———— Faun. Brit. Ind. Moths, iv. p. 356 (1896).
———— P. Z. S., Lond., 1898, p. 747.
Synclera cæsalis. Moore: P. Z. S., Lond., 1877, p. 618.
———— Lep. Ceylon, iii. p. 316, pl. 183, f. 7 ♀ (1886).
———— S. and C.: Cat. Moths of India, v. 633. 4304 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 280.

Type. Ceylon, in B. M.
a. Singapore.

GENUS **MOROCOSMA.** Led: Wien. Ent. Mon., vii. p. 403 (1863).

3514. Morocosma margaritaria.

Phalæna-Pyralis margaritaria. Cram.: Pap. Exot., iv. p. 150, pl. 367, f. C (1782).
Morocosma margaritaria. Led.: l. c., pl. 14, fig. 7.
———— Walker: xxxiv. 1368 (1865).
———— Meyrick: Trans. Ent. Soc., Lond., 1887, p. 213.
Glyphodes margaritaria. Hampson: P. Z. S., Lond., 1898, p. 736.
Glyphodes crameralis. Guen.: Delt. et Pyral., 293. 297 (1854).
———— Walker: xvii. 500 (1859).
Morocosma polybapta. Butler: Ann. Mag. N. H. (5), x. p. 236 (1882).

Type (*polybapta*). Duke of York Island, in B. M.
a. Ké Island (Wallace).

GENUS **EUDIOPTIS.** Hübn.: Verz., p. 359 (1816).
Phakellura. Westw.: Int. Ens., ii. p. 401 (1840).

3515. Eudioptis indica.

Eudioptis indica. Saunders: Trans. Ent. Soc., Lond., 1851, p. 163. pl. 12, f. 5, 6, 7.
———— Moore: Lep. Ceylon, iii. p. 324 (1886).

Eudioptis indica. Hampson: Ill. Typ. Lep. Het., B. M., viii. 37. 1031 (1891); ix. 47. 1228 (1893).
Phakellura indica. Walker: xviii. 514 (1859).
———— Butler: P. Z. S., Lond., 1880, p. 685.
———— Snellen: Tijd. voor Ent., xxvi. p. 141 (1883).
———— Swinhoe: P. Z. S., Lond., 1884, p. 525; 1885, p. 870; 1886, p. 459.
———— S. and C.: Cat. Moths of India, v. 616. 4197 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 279.
———— Snellen: Trans. Ent. Soc., Lond., 1890, p. 611.
Phacellura indica. Meyrick: Trans. Ent. Soc., Lond., 1884, p. 297.
Glyphodes indica. Hampson: Faun. Brit. Ind. Moths, iv. p. 360 (1896).
———— P. Z. S., Lond., 1898, p. 738.
Phakellura indicalis. Moore: P. Z. S., Lond., 1867, p. 93.
Eudioptis capensis. Zeller: Caffr., p. 52 (1852).
Phacellura capensis. Led.: l. c.
Phakellura gazorialis. Guen.: Delt. et Pyral., 297. 304 (1854).
———— Semper: Verh. Zool.-bot., Ges., 1867, p. 702.
Phacellura gazorialis. Led.: Wien. Ent. Mon., vii. p. 400 (1863).
Phakellura zygænalis. Guen.: l. c., 297. 305.
———— Walker: xviii. 515.

a. India (4) (Hearsay). b. Java (3) (Horsley). c. Amoy, China. d. Fiji. e. Mauritius. f. Sula (Wallace). g. Siam (Mouhot). h. Ceylon. i. Ceram (Wallace). j. Flores (Wallace). k. Celebes.

GENUS **RHAGOBA.** Moore: Descr. Ind. Lep. Atk., p. 217 (1888).

3516. Rhagoba octomaculalis.

Filodes octomaculalis ♀. Moore: P. Z. S., Lond., 1867, p. 95.
———— S. and C.: Cat. Moths of India, v. 621. 4223 (1888).
Botys octomaculalis. Snellen: Trans. Ent. Soc., Lond., 1890, p. 589.
Pygospila octomaculalis. Hmn.: Faun. Brit. Ind. Moths, iv. p. 361 (1896).
———— P. Z. S., Lond., 1898, p. 750.
Rhagoba bimaculata ♂. Moore: Descr. Ind. Lep. Atk., p. 218.
———— Swinhoe and Cotes: l. c., 623. 4231.

Type. Darjiling, in coll. Staudinger.
Type (*bimaculata*). Darjiling, in coll. Staudinger.
a. India ♂. b. Khasia Hills ♀.

GENUS **LOMOTROPA.** Led.: Wien. Ent. Mon., vii. p. 404 (1863).

3517. Lomotropa costiflexalis.

Pygospila costiflexalis. Guen.: Delt. et Pyral., 313. 341 (1854).
———— Hmn.: Faun. Brit. Ind. Moths, iv. p. 362 (1896).
———— P. Z. S., Lond., 1898, p. 750.
Lomotropa costiflexalis. Led.: l. c., p. 405, pl. 14, f. 8 ♂.
———— Hmn.: Ill. Typ. Lep. Het., B.M., ix. 46. 1213 (1893).
Margaronia costiflexalis. Meyrick: Trans. Ent. Soc., Lond., 1894, p. 456.
Pygospila costiferalis. Walker: xviii. 538 (1859).
———— Swinhoe: P. Z. S., Lond., 1885, p. 870.

a. Ceylon (Thwaites).

Genus **PYGOSPILA**. Guen.: Delt. et Pyral., p. 312 (1854).

3518. Pygospila tyres.

Phalæna (*Pyralis*) *tyres*. Cram.: Pap. Exot., iii. pl. 263, f. C (1782).
Pygospila tyres. Led.: Wien. Ent. Mon., vii. p. 404 (1863).
———— Swinhoe: P. Z. S., Lond., 1884, p. 524.
———— Moore: Lep. Ceylon, iii. p. 329 (1886).
———— S. and C.: (part) Cat. Moths of India, v. 620. 4218 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 280.
———— Snellen: Trans. Ent. Soc., Lond., 1890, p. 617.
———— Hmn.: Ill. Typ. Lep. Het., B. M., viii. 36. 1021 (1891); ix. 46. 1212 (1893).
———— Faun. Brit. Ind. Moths, iv. p. 361 (1896).
———— P. Z. S., Lond., 1898, p. 750.
Glyphodes tyres. Meyrick: Trans. Ent. Soc., Lond., 1887, p. 210.
Margaronia tyres. Meyrick: l. c., 1894, p. 5.
Pygospila tyresalis. Guen.: l. c.
———— Walker: xviii. 537 (1859).
———— Moore: P. Z. S., Lond., 1867, p. 95.
———— Swinhoe: P. Z. S., Lond., 1885, p. 870; 1886, p. 459.
Phlyctænia thyralis. Hübner: Verz., 359. 3442 (1816).

a. India (6) (Hearsay). b. Ceylon (Thwaites). c. Aru (Wallace). d. N. Guinea (Wallace).

3519. Pygospila bivittalis.

Pygospila bivittalis. Walker: xxxiv. 1365 (1865).
———— Hampson: P. Z. S., Lond., 1898, p. 750.
Lomotropha vellerialis. Snellen: Notes Leyd. Mus., xiii. p. 239.
———— Tijd. voor Ent., xxxv. pl. 10, f. 9, 10 (1892).

a. Ceram (type) (Wallace).
The type is a male, not a female as stated by Walker.

3520. Pygospila cuprealis.

Pygospila tyres, var. cuprealis. Swinhoe: Trans. Ent. Soc., Lond., 1892, p. 19, pl. 1, f. 4.
Pygospila cuprealis. Hampson: Faun. Brit. Ind. Moths, iv. p. 362 (1896).
———— P. Z. S., Lond., 1898, p. 750.
Pygospila evanidalis. Snellen: Tijd. voor Ent., xxxix. p. 68 (1896); xl. pl. 6, f. 4, 4 *a*, 5 (1897).

Type. Khasia Hills, in B. M.
a. Khasia Hills.

Genus **HEORTIA**. Led.: Wien. Ent. Mon., vii. p. 402 (1863).
Eteta. Walker: xxxi. 221 (1864).
Tyspana. Moore: Lep. Ceylon, iii. p. 256 (1885).

3521. Heortia dominalis.

Heortia dominalis. Led.: l. c., pl. 14, f. 6.
———— Hampson: P. Z. S., Lond., 1898, p. 751.
Eteta sexfasciata. Walker: xxxi. 221.
Vitessa triplaga. Walker: Char. Und. Lep. Het., p. 8 (1869).

Type (*triplaga*). Without locality, in B. M.
a. Ceram (type *sexfasciata*) (Wallace).

3522. Heortia vitessoides.

Tyspana vitessoides. Moore: Lep. Ceylon, iii. p. 256, pl. 178, f. 3, 3 *a* (larva) (1885).
———— S. and C.: Cat. Moths of India, v. 664. 4517 (1888).
———— Snellen: Trans. Ent. Soc., Lond., 1890, p. 561.
———— Rag.: Ann. Soc. Ent. Fr., 1891, p. 110.
Heortia vitessoides. Hmn.: Faun. Brit. Ind. Moths, iv. p. 363 (1896).
———— P. Z. S., Lond., 1898, p. 751.

Type. Ceylon, in B. M.
a. Ceylon (5) (Thwaites).

GENUS **EUCLASTA.** Led.: zool.-bot. Ges. Wien., 1855, p. 252.
Ilurgia. Walker: xviii. 544 (1859).

3523. Euclasta defamatalis.

Ilurgia defamatalis. Walker: xviii. 544.
Euclasta defamatalis. Led.: Wien. Ent. Mon., vii. p. 423, pl. 15, f. 13 (1863).
———— Swinhoe: P. Z. S., Lond., 1885, p. 872; 1886, p. 459.
———— S. and C.: Cat. Moths of India, v. 622. 4225 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 280.
———— Hmn.: Ill. Typ. Lep. Het., B. M., viii. 40. 1097 (1891); ix. 50. 1328 (1893).
———— Faun. Brit. Ind. Moths, iv. p. 364 (1896).
———— P. Z. S., Lond., 1898, p. 752.

a. India (type). b. India (4).

3524. Euclasta maceratalis.

Euclasta maceratalis. Led.: Wien. Ent. Mon., vii. p. 481, pl. 15, f. 11 (1863).
———— Walker: xxxiv. 1368 (1865).
———— Meyrick: Trans. Ent. Soc., Lond., 1884, p. 295; 1886, p. 225; 1887, p. 213.
———— Hampson: P. Z. S., Lond., 1898, p. 751.

a. Australia (2).

GENUS **POLYTHLIPTA.** Led.: Wien. Ent. Mon., vii. p. 389 (1863).

3525. Polythlipta cerealis.

Polythlipta cerealis. Led.: l. c., pp. 389 and 477.
———— Walker: xxxiv. 1490 (1865).
———— Felder: Reise Nov. Lep., pl. 135, f. 34 (1874).
———— S. and C.: Cat. Moths of India, v. 615. 4191 (1888).
———— Snellen: Trans. Ent. Soc., Lond., 1890, p. 601.
———— Hampson: Faun. Brit. Ind. Moths, iv. p. 365 (1896).
———— P. Z. S., Lond., 1898, p. 752.
Glyphodes vagalis. Walker: xxxiv. 1356.
———— Moore: P. Z. S., Lond., 1867, p. 93.
Polythlipta vagalis. Swinhoe and Cotes: l. c., 4196.

Type (*vagalis*). India, in B. M.
a. India.

3526. Polythlipta divaricata.

Polythlipta divaricata. Moore: Lep. Ceylon, iii. p. 311, pl. 179, f. 16 ♀, 16 *a* (larva) (1886).
———— S. and C.: Cat. Moths of India, v. 615. 4193 (1888).
———— Hampson: Ill. Typ. Lep. Het., B. M., viii. 39. 1090 (1891); ix. 50. 1320 (1893).
———— Faun. Brit. Ind. Moths, iv. p. 366 (1896).
———— P. Z. S., Lond., 1898, p. 752.

Type. Ceylon, in B. M.
a. Ceylon (7) (Thwaites).

3527. Polythlipta globulipedalis.

Glyphodes globulipedalis. Walker: xxxiv. 1359 (1865).
Nausinoë globulipedalis. Meyrick: Trans. Ent. Soc., Lond., 1894, p. 468.
Polythlipta globulipedalis. Hampson: P. Z. S., Lond., 1898, p. 753.
Phalangiodes columalis. Snellen: Tijd. voor Ent., xxiii. p. 239 (1880); xxvii. p. 46, pl. 4, f. 8 (1884).
———— Meyrick: l. c., 1887, p. 214.

a. New Guinea (type) (Wallace).

3528. Polythlipta inconspicua.

Botyodes inconspicua. Moore: Descr. Ind. Lep. Atk., p. 220 (1888).
———— S. and C.: Cat. Moths of India, v. 592. 4038 (1888).
Polythlipta inconspicua. Hmn.: Faun. Brit. Ind. Moths, iv. p. 367 (1896).
———— P. Z. S., Lond., 1898, p. 753.

Type. Darjiling, in coll. Staudinger.
a. India.

GENUS **NAUSINOË.** Hübn.: Verz., p. 362 (1816).
Phalangiodes. Guen.: Delt. et Pyral., p. 278 (1854).

3529. Nausinoë neptis.

Phalæna-Noctua neptis. Cram.: Pap. Exot., iii. p. 128, pl. 264, f. F (1782).
Phalangodes neptis. Led.: Wien. Ent. Mon., vii. p. 445 (1863).
Phalangiodes neptis. Meyrick: Trans. Ent. Soc., Lond., 1884, p. 295.
———— Snellen: Tijd. voor Ent., xxvii. p. 46 (1884).
———— Trans. Ent. Soc., Lond., 1890, p. 637.
Nausinoë neptis. Moore: Lep. Ceylon, iii. p. 310 (1886).
———— S. and C.: Cat. Moths of India, v. 637. 4329 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 281.
———— Hampson: Ill. Typ. Lep. Het., B. M., viii. 39. 1091 (1891); ix. 50. 1323 (1893).
Lepyrodes neptis. Hampson: Faun. Brit. Ind. Moths, iv. p. 368 (1896).
Nausinoë neptalis. Hübn.: l. c., p. 363.
Phalangiodes neptisalis. Guen.: l. c., p. 279. 272.
Phalangiodes neptalis. Walker: xvii. 467 (1859).
———— Moore: P. Z. S., Lond., 1877, p. 617.
———— Swinhoe: P. Z. S., Lond., 1885, p. 870.
———— Moore: Journ. Linn. Soc., Lond., Zool., xxi. p. 59 (1886).
Lepyrodes puerita. Hampson: (part) P. Z. S., Lond., 1898, p. 754.

a. India (3) (Ashmol. Mus.). b. Ceylon (4) (Thwaites). c. Moreton Bay.

GENUS **LEPYRODES.** Guen.: Delt. et Pyral., p. 277 (1854).

3530. Lepyrodes geometralis.

Lepyrodes geometralis. Guen.: l. c., p. 278, pl. 8, f. 6.
———— Walker: xvii. 465 (1859).
———— Led.: Wien. Ent. Mon., vii. p. 445 (1863).
———— Moore: P. Z. S., Lond., 1867, p. 91.
———— Snellen: Tijd. voor Ent., xxvii. p. 45 (1884).
———— Moore: Lep. Ceylon, iii. p. 308 (1886).
———— Journ. Linn. Soc., Lond., Zool., xxi. p. 59 (1886).
———— S. and C.: Cat. Moths of India, v. 645. 4370 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 248.
———— Snellen: Trans. Ent. Soc., Lond., 1890, p. 636.
———— Hampson: Ill. Typ. Lep. Het., B. M., viii. 39. 1092 (1891); ix. 50. 1324 (1893).
———— Meyrick: Trans. Ent. Soc., Lond., 1894, p. 10.
———— Hampson: Faun. Brit. Ind. Moths, iv. p. 368 (1896).
———— P. Z. S., Lond., 1898, p. 754.
Diasemia (?) *geometralis.* Butler: P. Z. S., Lond., 1881, p. 622.
———— Swinhoe: P. Z. S., Lond., 1884, p. 524; 1885, p. 875; 1886, p. 460.

a. India (4) (Hearsay). b. Bombay. c. Amoy, China.

GENUS **ANALYTA.** Led.: Wien. Ent. Mon., vii. p. 405 (1863).

3531. Analyta sigulalis.

Leucinodes sigulalis. Guen.: Delt. et Pyral., 223. 188 (1854).
———— Walker: xvii. 394 (1859); xix. 941 (1859).
———— S. and C.: Cat. Moths of India, v. 632. 4291 (1888)
Analyta sigulalis. Hampson: Faun. Brit. Ind. Moths, iv. p. 369 (1896).
———— P. Z. S., Lond., 1898, p. 755.
Leucinodes (?) *heranicealis.* Walker: xvii. 394; xix. 941.
Analyta albicillalis. Led.: l. c., p. 406, pl. 14, f. 10.
———— Walker: xxxiv. 1371 (1865).
Leucinodes auxialis. Swinhoe: P. Z. S., Lond., 1886, p. 458, pl. 41, f. 12.
———— Swinhoe and Cotes: l. c., 4286.

Type (*auxialis*). Mhow, in B. M.

a. Sarawak, Borneo (type *heranicealis*) (Wallace). b. India.

GENUS **LEUCINODES.** Guen.: Delt. et Pyral., p. 221 (1854).

3532. Leucinodes orbonalis.

Leucinodes orbonalis. Guen.: l. c., 223. 187.
———— Walker: xvii. 393 (1859).
———— Led.: Wien. Ent. Mon., vii. p. 440 (1863).
———— Moore: P. Z. S., Lond., 1867, p. 90; 1877, p. 615.
———— Swinhoe: P. Z. S., Lond., 1884, p. 524; 1885, p. 868.
———— Moore: Lep. Ceylon, iii. p. 289, pl. 179, f. 9 (1885).
———— S. and C.: Cat. Moths of India, v. 631. 4290 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 278.

Leucinodes orbonalis. Hampson: Ill. Typ. Lep. Het., B. M., viii. 39. 1094 (1891); ix. 50. 1325 (1893).
———— Faun. Brit. Ind. Moths, iv. p. 370 (1896).
———— P. Z. S., Lond., 1898, p. 756.

a. Indore (4) (Hearsay). b. Ceylon. c. Bombay (2).

GENUS **COMPSOPHILA.** Meyrick: Trans. Ent. Soc., Lond., 1886, p. 256.

Niphadaza. Butler: Trans. Ent. Soc., Lond., 1886, p. 422.

3533. Compsophila nebulalis.

Leucochroma (?) *nebulalis.* Walker: xxxiv. 1353 (1865).
Metrea nebulalis. Hampson: P. Z. S., Lond., 1898, p. 757.

a. Sula (type) (Wallace).

GENUS **CROCIDOLOMIA.** Zeller: Caffr., p. 65 (1852).

Godara. Walker: xix. 808 (1859).

3534. Crocidolomia binotalis.

Crocidolomia binotalis. Zeller: l. c.
———— Led.: Wien. Ent. Mon., vii. p. 358 (1863).
———— Walker: xxxiv. 134 (1865).
———— Hampson: Faun. Brit. Ind. Moths, iv. p. 372 (1896).
———— P. Z. S., Lond., 1898, p. 759.
Pionea comalis. Guen.: Delt. et Pyral., 368. 453 (1854).
Godara comalis. Walker: xix. 809.
———— Led.: l. c., p. 383, pl. 12, f. 6.
———— Butler: Ann. Mag. N. H. (5), v. p. 226 (1880).
———— Snellen: Tijd. voor Ent., xxvi. p. 134 (1883).
———— Swinhoe: P. Z. S., Lond., 1884, p. 525; 1885, p. 875.
———— Meyrick: Trans. Ent. Soc., Lond., 1884, p. 321.
———— Moore: Lep. Ceylon, iii. p. 348, pl. 179, f. 2, 2*a*, 2*b* (1886).
———— S. and C.: Cat. Moths of India, v. 612. 4176 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 276.
———— Snellen: Trans. Ent. Soc., Lond., 1890, p. 593.
———— Hmn.: Ill. Typ. Lep. Het., B. M., viii. 36. 1015 (1891).
Crocidolomia comalis. Hampson: l. c., ix. 46. 1206 (1893).
Pionea incomalis. Guen.: l. c., 369. 454.
Godara incomalis. Walker: xix. 810.
———— Led.: l. c.
———— Butler: P. Z. S., Lond., 1881, p. 622; 1883, p. 168.
———— Swinhoe: P. Z. S., Lond., 1884, p. 525.

a. Sarawak (Wallace). b. Australia. c. Ceylon (2) (Thwaites). d. India (3).

3535. Crocidolomia illustralis.

Godara illustralis. Lucas: Proc. Roy. Soc., Queensland, viii. p. 3 (1891).

a. Queensland (2) (Batchelor).

Genus **OËBIA.** Hübn.: Verz., p. 362 (1816).
Hellula. Guen.: Delt. et Pyral., p. 415 (1854).

3536. Oëbia undalis.

Phalæna undalis. Fabr.: Ent. Syst., iii. (2), 226. 362 (1794).
Pyralis undalis. Hübn.: Pyral., 19. 7, pl. 14, f. 93 (1805).
Oëbia undalis. Hübn.: Verz., p. 362.
———— Hampson: Ill. Typ. Lep. Het., B. M., viii. 34. 971 (1891); ix. 44. 1140 (1893).
Nymphula undalis. Treit.: Schm. Eur., vii. 128. 1 (1829).
———— Dup.: Lep. Fr., viii. p. 160, pl. 221, f. 1 (1830).
———— Herr. Schäff.: Eur. Schm., iv. p. 10, pl. 8, f. 54 (1849).
Hellula undalis. Guen.: l. c., 416. 538.
———— Walker: xix. 813 (1859).
———— Led.: Wien. Ent. Mon., vii. p. 351 (1863).
———— Meyrick: Trans. Ent. Soc., Lond., 1884, p. 317; 1887, p. 229; 1890, p. 460; 1894, p. 8.
———— Moore: Lep. Ceylon, iii. p. 355 (1886).
———— S. and C.: Cat. Moths of India, v. 664. 4518 (1888).
———— Hampson: Faun. Brit. Ind. Moths, iv. p. 373 (1896).
———— P. Z. S., Lond., 1898, p. 760.
Hellula hydralis. Guen.: l. c., 416. 539.
———— Walker: xix. 814.
Scoparia (?) *alconalis.* Walker: xix. 827.
Leucinodes (?) *exemptalis.* Walker: xxxiv. 1313 (1865).

Type (*alconalis*). Ceylon, in B. M.
Type (*exemptalis*). China, in B. M.
a. Indore (3) (Hearsay).

Sub-Family PYRAUSTINÆ.

Genus **SAMEODES.** Snellen: Tijd. voor Ent., xxiii. p. 217 (1880).

3537. Sameodes cancellalis.

Botys cancellalis. Zeller: Caffr., p. 34 (1852).
Cacographis cancellalis. Led.: Wien. Ent. Mon., vii. p. 360 (1863).
———— Walker: xxxiv. 1225 (1865).
Sameodes cancellalis. Meyrick: Ent. Mo. Mag., xxi. p. 202 (1884).
———— Trans. Ent. Soc., Lond., 1886, p. 241.
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 277.
———— Hampson: Ill. Typ. Lep. Het., B. M., viii. 35. 992 (1891); ix. 44. 1158 (1893).
———— Faun. Brit. Ind. Moths, iv. p. 375 (1896).
———— P. Z. S., Lond., 1899, p. 174.
Stenia pipleisalis. Walker: xvii. 420 (1859).
Sameodes pipleisalis. Moore: Lep. Ceylon, iii. p. 307, pl. 181, f. 14 (1886).
———— S. and C.: Cat. Moths of India, v. 624. 4238 (1888).
Sameodes pipleidalis. Meyrick: l. c., 1884, p. 300.
Lepyrodes (?) *lepidalis.* Walker: xvii. 465.
———— Moore: P. Z. S., Lond., 1867, p. 91.

Samea sidealis. Walker: xix. 937 (1859).
Hymenia meridionalis. Walker: xxxv. 1314 (1865).
Samea vespertilionalis. Saalmuller: Ber. Senck. Gesell., 1880, p. 301.
Sameodes trithyralis. Snellen: l. c., p. 218; xxvi. p. 134, pl. 8, f. 4 (1883).

Types (*pipleisalis* and *sidealis*). Sierra Leone, in B. M.
Type (*lepidalis*). Ceylon, in B. M.
Type (*meridionalis*). South India, in B. M.
a. Bombay (2). b. India.

Genus **MEROCTENA.** Led.: Wien. Ent. Mon., vii. p. 392 (1863).

3538. Meroctena tullalis.

Botys tullalis. Walker: xviii. 649 (1859).
———— Moore: P. Z. S., Lond., 1867, p. 97.
———— S. and C.: Cat. Moths of India, v. 597. 4079 (1888).
Meroctena tullalis. Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 269.
———— Hampson: Ill. Typ. Lep. Het., B. M., viii. 35. 983 (1891); ix. p. 162, pl. 172, f. 31 (1893).
———— Faun. Brit. Ind. Moths, iv. p. 376 (1896).
———— P. Z. S., Lond., 1899, p. 178.

Type. N. India, in B. M.
a. Khasia Hills (2).

3539. Meroctena sirioxantha.

Ligropis sirioxantha. Meyrick: Trans. Ent. Soc., Lond., 1886, p. 262.
Meroctena staintoni. Hampson: (part) P. Z. S., Lond., 1899, p. 178.

Type. Fiji, in B. M.
a. Sumatra (Wallace).

I do not know where the type of *staintoni*, Led., is deposited: but Lederer's figures are very good, and his figure of *staintoni* does not resemble *sirioxantha*.

Genus **ARCHERNIS.** Meyrick: Proc. Linn. Soc., N. S. W., 1887, p. 254.
Chrysommatodes. Warren: Ann. Mag. N. H. (6), xvii. p. 105 (1896).

3540. Archernis scopulalis.

Botys scopulalis. Walker: xxxiv. 1438 (1865).
Archernis scopulalis. Hampson: P. Z. S., Lond., 1899, p. 181.

a. Flores (type) (Wallace).

3541. Archernis ignealis. Pl. VIII. f. 29.

Botys ignealis. Walker: xxxiv. 1423 (1865).
Archernis ignealis. Hampson: P. Z. S., Lond., 1899, p. 181.

a. Morty (type) (Wallace).

GENUS **METOPORTHA.** Meyrick: Trans. Ent. Soc., Lond., 1894, p. 463.

3542. Metoportha dolopsalis.

Botys dolopsalis. Walker: xviii. 692 (1859).
Metoportha dolopsalis. Meyrick: l. c.
Archernis dolopsalis. Hmn.: (part) Faun. Brit. Ind. Moths, iv. p. 379 (1896).
———— P. Z. S., Lond., 1899, p. 181.
Botys fimbripunctalis. Walker: xxxiv. 1425 (1865).

a. Sarawak, Borneo (type ♂) (Wallace). b. Mysol (type ♀ *fimbripunctalis*) (Wallace). c. New Guinea (Wallace).

GENUS **TERASTIA.** Guen.: Delt. et Pyral., p. 211 (1854).

3543. Terastia subjectalis.

Terastia subjectalis. Led.: Wien. Ent. Mon., vii. p. 480 (1863).
———— Walker: xxxiv. 1308 (1865).
———— S. and C.: Cat. Moths of India, v. 631. 4285 (1888).
———— Hmn.: Ill. Typ. Lep. Het., B. M., ix. 44. 1160 (1893).
Megaphysa quadratalis. Walker: xxxiv. 1527.
Terastia meticulosalis. Hmn.: (part) Faun. Brit. Ind. Moths, iv. p. 381 (1896).
———— P. Z. S., Lond., 1899, p. 182.

Type (*quadratalis*). Java, in B. M.
a. India. b. Bombay (2).

3544. Terastia egialealis.

Megaphysa egialealis. Walker: xvii. 383 (1859).
———— S. and C.: Cat. Moths of India, v. 632. 4294 (1888).
Terastia egialealis. Hampson: Faun. Brit. Ind. Moths, iv. p. 381 (1896).
———— P. Z. S., Lond., 1899, p. 182.
Terastia proceralis. Led.: Wien. Ent. Mon., vii. p. 480 (1863).
———— Walker: xxxiv. 1308 (1865).
———— Swinhoe and Cotes: l. c., 631. 4284.
———— Snellen: Trans. Ent. Soc., Lond., 1890, p. 622.
Agathodes diversalis. Walker: xxxiv. 1307.
———— Moore: P. Z. S., Lond., 1867, p. 90.
———— Swinhoe and Cotes: l. c., 631. 4283.
Megaphysa quadriferalis. Walker: xxxiv. 1528.

Type (*diversalis*). Darjiling, in B. M.
Type (*quadriferalis*). Java, in B. M.
a. India (type). b. India.

GENUS **OMPHISA.** Moore: Lep. Ceylon, iii. p. 317 (1886).

3545. Omphisa illisalis.

Botys illisalis. Walker: xviii. 653 (1859).
———— Led.: Wien. Ent. Mon., vii. p. 371, pl. 9, f. 12 (1863).
———— Moore: P. Z. S., Lond., 1877, p. 619.
Omphisa illisalis. Moore: l. c., p. 318, pl. 183, f. 4.
———— S. and C.: Cat. Moths of India, v. 601. 4107 (1888).

Omphisa anastomosalis. Hmn.: (part) Ill. Typ. Lep. Het., B. M., ix. 44. 1159 (1893).
———— Faun. Brit. Ind. Moths, iv. p. 382 (1896).
———— P. Z. S., Lond., 1899, p. 183.

Type. Ceylon, in B. M.
a. Morty (Wallace).

The type of the genus: not *anastomosalis*, as stated by Hampson, Moths, iv. p. 382 ; Hampson's figure represents *illisalis*.

3546. Omphisa anastomosalis.

Pionea anastomosalis. Guen.: Delt. et Pyral., 373. 467 (1854).
———— Walker: xviii. 760 (1859).
———— Hmn.: Ill. Typ. Lep. Het., B. M., viii. 35. 994 (1891).
Omphisa anastomosalis. Hmn.: (part) Faun. Brit. Ind. Moths, iv. p. 382 (1896).
———— P. Z. S., Lond., 1899, p. 183.

a. Sula (Wallace). b. Aru (Wallace).

Quite distinct from *illisalis*; I have a fine series of the different forms of this genus: the *illisalis*, reported by Moore from Darjiling, in P. Z. S., Lond., 1867, p. 96, is *repetitalis*, Snellen, which is also quite distinct.

GENUS **ISOCENTRIS.** Meyrick: Trans. Ent. Soc., Lond., 1887, p. 232.
Leucocraspeda. Warren: Ann. Mag. N. H. (6), vi. p. 475 (1890).

3547. Isocentris illectalis.

Botys illectalis. Walker: xviii. 658 (1859).
Hedylepta illectalis. Moore: Lep. Ceylon, iii. p. 277 (1885).
———— S. and C.: Cat. Moths of India, v. 641. 4345 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 283.
Leucocraspeda illectalis. Hmn.: Ill. Typ. Lep. Het., B. M., ix. p. 164, pl. 173, f. 9 (1893).
Isocentris illectalis. Meyrick: Trans. Ent. Soc., Lond., 1894, p. 7; 1897, p. 89.
———— Hampson: Faun. Brit. Ind. Moths, iv. p. 387 (1896).
———— P. Z. S., Lond., 1899, p. 190.

Type. Ceylon, in B. M.
a. Khasia Hills.

GENUS **CHOBERA.** Moore: Descr. Ind. Lep. Atk., p. 219 (1888).

3548. Chobera stenophilalis.

Botys stenophilalis. Walker: xxxiv. 1407 (1865).
Crocidophora stenophilalis. Hmn.: Faun. Brit. Ind. Moths, iv. p. 389 (1896).
———— P. Z. S., Lond., 1899, p. 194.
Circobotys marginalis. Hmn.: Ill. Typ. Lep. Het., B. M., viii. p. 133, pl. 155, f. 9 ♀ (1891).

Type (*marginalis* ♀). Nilgiri Hills, in B. M.
a. Cambodia, Siam (type) (Mouhot).

GENUS **CROCIDOPHORA**. Led.: Wien. Ent. Mon., vii. p. 386 (1863).

Monocrocis. Warren: Ann. Mag. N. H. (6), xvi. p. 475 (1895).

3549. Crocidophora limbolalis.

Asopia limbolalis. Moore: P. Z. S., Lond., 1877, p. 615.
———— S. and C.: Cat. Moths of India, v. 626. 4256 (1888).
Crocidophora limbolalis. Hmn.: Faun. Brit. Ind. Moths, iv. p. 390 (1896).
———— P. Z. S., Lond., 1899, p. 192.

Type. Andamans, in B. M.
a. Barrackpur (Minchin).
Minchin notes that the larva is a leaf roller and feeds on *Anticaris todicaria*.

3550. Crocidophora fasciata.

Hapalia fasciata. Moore: Descr. Ind. Lep. Atk., p. 223, pl. 7, f. 20 (1888).
———— S. and C.: Cat. Moths of India, v. 599. 4090 (1888).
Crocidophora fasciata. Hampson: Faun. Brit. Ind. Moths, iv. p. 391 (1896).
———— P. Z. S., Lond., 1899, p. 193.

Type. Darjiling, in coll. Staudinger.
a. India.

3551. Crocidophora habisalis.

Botys habisalis. Walker: xviii. 702 (1859).
Crocidophora habisalis. Hampson: P. Z. S., Lond., 1899, p. 193.
Rhodaria (?) *mævialis*. Walker: xix. 925 (1859).

Types of both. Sarawak, Borneo, in B. M.
a. Sarawak (Wallace).

GENUS **CROCHIPHORA**. Hübn.: Geyer, Samml. Exot. Schm., iv. p. 12 (1838).

Maruca. Walker: xviii. 540 (1859).

Siriocauta. Led.: Wien. Ent. Mon., vii. p. 424 (1863).

3552. Crochiphora testulalis.

Crochiphora testulalis. Hübn.: l. c., f. 629. 630.
Stenia testulalis. Guen.: Delt. et Pyral., pp. 230 and 247 (1854).
———— Walker: xvii. 420 (1859).
Siriocauta testulalis. Led.: l. c.
———— Snellen: Trans. Ent. Soc., Lond., 1890, p. 623.
———— Meyrick: Trans. Ent. Soc., Lond., 1894, pp. 10 and 468.
Maruca testulalis. Moore: Lep. Ceylon, iii. p. 298 (1885).
———— S. and C.: Cat. Moths of India, v. 622. 4229 (1888).
———— Hampson: Faun. Brit. Ind. Moths, iv. p. 393 (1896).
———— P. Z. S., Lond., 1899, p. 194.
Hydrocampa aquatilis. Boisd.: Guer. Icon. Anim. Ins., pl. 90, f. 9 (1844).
Maruca aquatilis. Walker: xviii. 540 (1859).

a. India (5) (Hearsay). b. Nilgiri Hills. c. Japan.
d. Amoy, China.

3553. Crochiphora amboinalis.

Siriocauta (?) *amboinalis.* Felder : Reise Nov. Lep., pl. 135, f. 24 (1874).
Crochiphora amboinalis. Hampson: Ill. Typ. Lep. Het., B. M., viii. 40. 1096 (1891).
Maruca amboinalis. Snellen : Midd.-Sum., iv. Lep., p. 73 (1880).
——————— Hampson: Faun. Brit. Ind. Moths, iv. pl. 394 (1896).
——————— P. Z. S., Lond., 1899, p. 194.
Crochiphora simialalis. Snellen: Tijd. voor Ent., xxvii. p. 39, pl. 3, f. 9 (1884).
Seriocauta simialalis. Snellen : Trans. Ent. Soc., Lond., 1890, p. 623.

Type. Amboina, in coll. Rothschild.
a. Nilgiri Hills.

GENUS **PARUDEA.** nov.

♂ Belongs to the *Crocidophora* group; venation similar: male with the retinaculum small and without the large fan of scales: hinder margin of fore-wings heavily fringed with upturned hair along its whole length: antennæ flattened at the sides; slightly dislocated at its base, socket much swollen with a slight projection in front.

3554. Parudea fimbriata. nov. Pl. VIII. f. 34.

♂ Above of a uniform dark dull ochreous colour, base of palpi and body below pure white; fore-wings with the costal line purplish, a grey spot in the cell and a streak at its end: a discal, outwardly curved line of grey lunules across both wings, hind-wings paler at the base and along the costal margin: cilia of both wings broad and of a purplish colour except towards the anal angle of hind-wings, where it becomes white: legs and wings below including the cilia pale ochreous grey, with the discal line of fore-wings slightly visible.

Expanse of wings, $1\frac{1}{10}$ inches.
a. N. China (type).
Allied to nothing I know of.

GENUS **TETRIDIA.** Warren: Ann. Mag. N. H. (6), vi. p. 477 (1890).

3555. Tetridia vinacealis.

Botys vinacealis. Moore: P. Z. S., Lond., 1877, p. 619; 1878, p. 850.
Charema vinacealis. S. and C.: Cat. Moths of India, v. 623. 4236 (1888).
——————— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 269.
Tetridia vinacealis. Warren : l. c.
——————— Hmn.: Ill. Typ. Lep. Het., B. M., viii. 38. 1068 (1891).
Polythlipta (?) *vinacealis.* Snellen : Trans. Ent. Soc., Lond., 1890, p. 601.
Polythlipta albicaudalis. Snellen : Tijd. voor Ent., xxiii. p. 221 (1880); xxvi. p. 137, pl. 8, f. 7, 7 *a*, *b*, *c* (1883).
Tetridia caletoralis. Hmn.: (part) Faun. Brit. Ind. Moths, iv. p. 395 (1896).
——————— P. Z. S., Lond., 1899, p. 196.

Type. Port Blair, in B. M.
a. India. b. Khasia Hills.

3556. Tetridia caletoralis.

Botys caletoralis. Walker : xviii. 651 (1859).

Botys caletoralis. Moore: P. Z. S., Lond., 1867, p. 97.
——————— Snellen: Trans. Ent. Soc., Lond., 1890, p. 580.
Charema caletoralis. S. and C.: Cat. Moths of India, v. 623. 4233 (1886).
Tetridia caletoralis. Hmn.: (part) Faun. Brit. Ind. Moths, iv. p. 395 (1896).
——————— P. Z. S., Lond., 1899, p. 196.
Botys phænnisalis. Walker: xviii. 684.

Type. N. India, in B. M.

a. Sarawak, Borneo (type *phænnisalis*) (Wallace). b. Cambodia, Siam (Mouhot).

Type a is a male, not female as stated by Walker.

GENUS **POLYGRAMMODES.** Guen.: Delt. et Pyral., p. 318 (1854).
Aphytoceros. Meyrick: Trans. Ent. Soc., Lond., 1884, p. 320.

3557. Polygrammodes lucusalis.

Botys lucusalis. Walker: xviii. 722 (1859).
Polygrammodes lucusalis. Hmn.: P. Z. S., Lond., 1899, p. 199.
Aphytoceros lucalis. Meyrick: l. c., p. 321.
Botys histrionalis. Led.: Wien. Ent. Mon., vii. p. 371, pl. 9, fig. 13 (1863).

Type. Australia, in B. M.

a. New South Wales.

3558. Polygrammodes tapsusalis. Pl. VIII. f. 33.

Botys tapsusalis. Walker: xviii. 697 (1859).
Polygrammodes tapsusalis. Hampson: P. Z. S., Lond., 1899, p. 198.

a. Sarawak, Borneo (type) (Wallace).

GENUS **PITACANDA.** Moore: Lep. Ceylon, iii. p. 334 (1886).

3559. Pitacanda spilosomoides.

Pitacanda spilosomoides. Moore: l. c., pl. 183, f. 10.
——————— S. and C.: Cat. Moths of India, v. 604. 4125 (1888).
——————— Snellen: Trans. Ent. Soc., Lond., 1890, p. 605.
——————— Hmn.: Ill. Typ. Lep. Het., B. M., viii. 35. 996 (1891).
Pachynoa spilosomoides. Hmn.: Faun. Brit. Ind. Moths, iv. p. 398 (1896).
Polygrammodes spilosomoides. Hampson: P. Z. S., Lond., 1899, p. 198.

Type. Ceylon, in B. M.

a. Ceylon (2) (Thwaites). b. Bangalore (Minchin).

3560. Pitacanda pectinicornalis.

Botys pectinicornalis. Guen.: Delt. et Pyral., 326. 351 (1854).
——————— Walker: xviii. 647 (1859).
Pachynoa pectinicornalis. Led.: Wien. Ent. Mon., vii. p. 391 (1863).
——————— Walker: xxxiv. 1481 (1865).
——————— Swinhoe: P. Z. S., Lond., 1885, p. 875.
——————— S. and C.: Cat. Moths of India, v. 611. 4167 (1888).
——————— Hmn.: Faun. Brit. Ind. Moths, iv. p. 398 (1896).
Polygrammodes pectinicornalis. Hampson: P. Z. S., Lond., 1899, p. 197.

a. Bombay.

3561. Pitacanda mœrulalis. Pl. VII. f. 1.

Botys mœrulalis. Walker : xix. 1000 (1859).
Pachynoa mœrulalis. Walker : xxxiv. 1481 (1865).
Polygrammodes mœrulalis. Hampson : P. Z. S., Lond., 1899, p. 196.

a. Sarawak, Borneo (type) (Wallace).

3562. Pitacanda sabelialis.

Botys sabelialis. Guen. : Delt. et Pyral., 326. 352 (1854).
——— Walker : xviii. 647 (1859).
Pachynoa sabelialis. Led. : Wien. Ent. Mon., vii. p. 392 (1863).
——— Walker : xxxiv. 1481 (1865).
——— S. and C. : Cat. Moths of India, v. 611. 4168 (1888).
——— Hampson : Faun. Brit. Ind. Moths, iv. p. 397 (1896).
Polygrammodes sabelialis. Hampson : P. Z. S., Lond., 1899, p. 197.
Botys elycesalis. Walker : xix. 995 (1859).
Dadessa elycesalis. Swinhoe and Cotes : l. c., 591. 4028.
Pachynoa obstructalis. Walker : xxxiv. 1481.

Type (*elycesalis*). Moulmein, in B. M.
a. Amoy, China (type *obstructalis*).

GENUS **NOMOPHILA.** Hübn. : Verz., p. 368 (1816).
Stenopteryx. Guen. : Delt. et Pyral., p. 413 (1854).

3563. Nomophila noctuella.

Tinea noctuella. Schiff : Wien. Verz., p. 136 (1776).
Nomophila noctuella. Led. : Wien. Ent. Mon., vii. p. 379 (1863).
——— S. and C. : Cat. Moths of India, v. 666. 4530 (1888).
——— Hampson : Faun. Brit. Ind. Moths, iv. p. 401 (1896).
——— P. Z. S., Lond., 1899, p. 201.
Pyralis hybridalis. Hübn. : Pyral., p. 29, pl. 17, f. 114 (1805).
Nomophila hybridalis. Hübn. : Verz., p. 368.
Botys hybridalis. Treit. : Schm. Eur., vii. p. 109 (1829).
Stenopteryx hybridalis. Guen. : l. c., 414. 537.
——— Walker : xix. 812 (1859).
Nephopteryx indistinctalis. Walker : xxvii. 59 (1863).

a. Nilgiri Hills. b. Brazil (type *indistinctalis*).

To be found throughout the world; there are specimens in this Museum from Europe, the Cape, Jamaica, Hayti, Chili, Peru, and Rio.

GENUS **ACHARANA.** Moore : Lep. Ceylon, iii. p. 285 (1885).

3564. Acharana phæopteralis.

Botys phæopteralis. Guen. : Delt. et Pyral., 349. 409 (1854).
——— Walker : xviii. 612 (1859).
——— Led. : Wien. Ent. Mon., vii. p. 372 (1863).
——— Meyrick : Trans. Ent. Soc., Lond., 1884, p. 321.
Acharana phæopteralis. Warren : Trans. Ent. Soc., Lond., 1889, p. 282.
——— Hmn. : Ill. Typ. Lep. Het., B. M., ix. 45. 1179 (1893).
Pachyzancla phæopteralis. Hmn. : Faun. Brit. Ind. Moths, iv. p. 402 (1896).
——— P. Z. S., Lond., 1899, p. 202.
Botys vestalis. Walker : xviii. 579.

Botys otreusalis. Walker: xviii. 637.
Acharana otreusalis. Moore: l. c., pl. 180, f. 11.
———— S. and C.: Cat. Moths of India, v. 602. 4112 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 270.
———— Hmn.: Ill. Typ. Lep. Het., B. M., viii. 36. 1017 (1891).
Acharana otrealis. Meyrick: Trans. Ent. Soc., Lond., 1894, p. 7.
Botys triarialis. Walker: xviii. 639.
Botys abstrusalis. Walker: xviii. 663.
———— Moore: P. Z. S., Lond., 1877, p. 620.
———— Butler: P. Z. S., Lond., 1883, p. 168.
———— Swinhoe: P. Z. S., Lond., 1884, p. 525; 1885, p. 873; 1886, p. 460.
Botys plebejalis. Led.: l. c., pp. 373 and 469, pl. 10, f. 8.
Botys inhonestalis. Walker: xxxiv. 1433 (1865).
Botys grisealis. Snellen: Tijd. voor Ent., xviii. p. 198, pl. 11, f. 8 (1875).

Type (*vestalis*). Jamaica, in B. M.
Type (*otreusalis*). Congo, in B. M.
Type (*triarialis*). Sierra Leone, in B. M.
Type (*abstrusalis*). Ceylon, in B. M.
a. Ternate (type *inhonestalis*) (Wallace). b. Nilgiri Hills.
c. Bombay. d. India.

3565. Acharana licarsisalis.

Botys licarsisalis. Walker: xviii. 686 (1859).
Pharazia licarsisalis. Hmn.: Ill. Typ. Lep. Het., B. M., ix. 46. 1208 (1893).
Pachyzancla licarsisalis. Hmn.: Faun. Brit. Ind. Moths, iv. p. 402 (1896).
———— P. Z. S., Lond., 1899, p. 202.
Botys pharaxalis. Walker: xviii. 725.
Botys immundalis. Walker: xxxiv. 1448 (1865).
Entephria (?) *fumidalis.* Walker: xxxiv. 1486.

Type. Sarawak, Borneo, in B. M.
Type (*pharaxiralis*). Sydney, in B. M.
Type (*immundalis*). Java, in B. M.
a. New Guinea (type *fumidalis*) (Wallace). b. Sarawak (Wallace).

Genus **PANTŒOCOME.** Warren: Ann. Mag. N. H. (6), xviii. p. 173 (1896).

3566. Pantœocome dilatatipes.

Botys dilatatipes. Walker: xxxiv. 1419 (1865).
Pachyzancla dilatatipes. Hampson: P. Z. S., Lond., 1899, p. 203.
Pantœocome deformis. Warren: l. c.

Type (*deformis*). Sumbawa, in coll. Rothschild.
a. Mysol (type) (Wallace).
The type is a male, not female as stated by Walker.

Genus **PILOPTILA.** Swinhoe: Ann. Mag. N. H. (6), xiv. p. 142 (1894).

3567. Piloptila nigricornalis.

Piloptila nigricornalis. Swinhoe: l. c.

Pachyzancla nigricornalis. Hmn.: Faun. Brit. Ind. Moths, iv. p. 402 (1896).
———————— P. Z. S., Lond., 1899, p. 203.

Type. Cherra Punji, in B. M.
a. Cherra Punji.

GENUS **PACHYZANCLA.** Meyrick: Trans. Ent. Soc., Lond., 1884, p. 315.

3568. Pachyzancla stultalis.

Botys stultalis. Walker: xviii. 669 (1859).
———————— Moore: P. Z. S., Lond., 1877, p. 619.
———————— Snellen: Trans. Ent. Soc., Lond., 1890, p. 579.
Pyrausta stultalis. Swinhoe: P. Z. S., Lond., 1885, p. 867; 1886, p. 457.
Pachyzancla stultalis. Hmn.: Ill. Typ. Lep. Het., B. M., viii. 36. 1020 (1891); ix. 46. 1209 (1893).
———————— Faun. Brit. Ind. Moths, iv. p. 405 (1896).
———————— P. Z. S., Lond., 1899, p. 204.
Botys jasiusalis. Walker: xviii. 708.
Botys basistrigalis. Walker: xxxiv. 1443 (1865).
Pachyzancla mutualis. S. and C.: (part) Cat. Moths of India, v. 638. 4334 (1888).

Type. Ceylon, in B. M.
Type (*basistrigalis*). Java, in B. M.
a. Sarawak, Borneo (type *jasiusalis*) (Wallace). b. Ceram (Wallace). c. Cherra Punji (Swinhoe).

3569. Pachyzancla cynaralis.

Botys cynaralis. Walker: xviii. 672 (1859).
———————— S. and C.: Cat. Moths of India, v. 594. 4051 (1888).
Hapalia (?) *cynaralis.* Moore: Lep. Ceylon, iii. p. 341 (1886).
Acharana cynaralis. Hmn.: Ill. Typ. Lep. Het., B. M., ix. 45. 1181 (1893).
Pachyzancla cynaralis. Hmn.: Faun. Brit. Ind. Moths, iv. p. 404 (1896).
———————— P. Z. S., Lond., 1899, p. 205.
Hapalia marginalis. Moore: l. c., p. 338, pl. 182, f. 13.
———————— Swinhoe and Cotes: l. c., 600. 4098.

Type. Ceylon, in coll. Layard.
Type (*marginalis*). Ceylon, in B. M.
a. India. b. Cherra Punji.

3570. Pachyzancla mutualis.

Botys mutualis. Zeller: Caffr., p. 40 (1852).
———————— Snellen: Tijd. voor Ent., xxvi. p. 129 (1883).
Pachyzancla mutualis. Meyrick: Trans. Ent. Soc., Lond., 1884, p. 315.
———————— Moore: Lep. Ceylon, iii. p. 279, pl. 178, f. 15 (1885).
———————— S. and C.: Cat. Moths of India, v. 638. 4334 (1888).
Pachyzancla ægrotalis. Hampson: (part) Faun. Brit. Ind. Moths, iv. p. 405 (1896).
Pachyzancla bipunctalis. Hampson: (part) P. Z. S., Lond., 1899, p. 204.

Type. Natal, in B. M.
a. Khasia Hills (2).

3571. Pachyzancla admensalis.

Botys admensalis. Walker: xviii. 652 (1859).

Hapalia admensalis. Moore: Lep. Ceylon, iii. p. 339 (1886).
———— S. and C.: Cat. Moths of India, v. 598. 4083 (1888).
Pachyzancla ægrotalis. Hmn.: (part) Faun. Brit. Ind. Moths, iv. p. 405 (1896).
Pachyzancla bipunctalis. Hmn.: (part) P. Z. S., Lond., 1899, p. 204.

Type. Ceylon, in B. M.
a. Ceylon (Thwaites).

3572. Pachyzancla basalis.

Botys basalis. Walker: xxxiv. 1404 (1865).
Pachyzancla basalis. Moore: Lep. Ceylon, iii. p. 280 (1885).
———— S. and C.: Cat. Moths of India, v. 638. 4333 (1888).
Botys apertalis. Walker: xxxiv. 1450.
Pachyzancla ægrotalis. Hmn.: (part) Faun. Brit. Ind. Moths, iv. p. 405 (1896).
Pachyzancla bipunctalis. Hampson: (part) P. Z. S., Lond., 1899, p. 204.

Type. Ceylon, in B. M.
Type (*apertalis*). Java, in B. M.
a. Sarawak, Borneo.

3573. Pachyzancla subalbescens.

Acharana subalbescens. Swinhoe: Ann. Mag. N. H. (6), xiv. p. 147 (1894).
Pachyzancla ægrotalis. Hmn.: (part) Faun. Brit. Ind. Moths, iv. p. 405 (1896).
Pachyzancla bipunctalis. Hmn.: (part) P. Z. S., Lond., 1899, p. 204.

Type. Cherra Punji, in B. M.
a. Cherra Punji.

GENUS **PROCŒDEMA.** Hampson: Faun. Brit. Ind. Moths, iv. p. 406 (1896).

3574. Procœdema inscisalis.

Botys inscisalis. Walker: xxxiv. 1410 (1865).
———— Moore: P. Z. S., Lond., 1867, p. 96.
———— Snellen: Trans. Ent. Soc., Lond., 1890, p. 589.
Rehimena inscisalis. Moore: Lep. Ceylon, iii. p. 290, pl. 181, f. 1 (1885).
———— S. and C.: Cat. Moths of India, v. 606. 4137 (1888).
Pyrausta inscisalis. Meyrick: Trans. Ent. Soc., Lond., 1894, p. 463; 1897, p. 89.
Procœdema inscisale. Hampson: l. c.
Procœdema inscisalis. Hampson: P. Z. S., Lond., 1899, p. 207.

Type. Darjiling, in B. M.
a. India.

GENUS **LOXOSTEGE.** Hübn.: Verz., p. 352 (1816).
Emmelia. Hübn.: Sam. Exot. Schm., v. 8, p. 409 (1824).
Phlyctænodes. Guen.: Delt. et Pyral., p. 173 (1854).
Spilodes. Guen.: l. c., p. 379.
Dosara. Walker: xix. 828 (1859).
Ephelis. Led.: Wien. Ent. Mon., vii. p. 356 (1863).
Eurycreon. Led.: l. c., p. 376.

Metallarcha. Meyrick: Trans. Ent. Soc., Lond., 1884, p. 341.
Proternia. Meyrick: l. c., p. 317.
Tritæa. Meyrick: l. c., p. 341.

3575. Loxostege massalis.

Scopula massalis. Walker: xviii. 792 (1859).
Eurycreon massalis. Meyrick: l. c., p. 338; 1887, p. 243.
Phlyctænodes massalis. Hmn.: Faun. Brit. Ind. Moths, iv. p. 408 (1896).
———— P. Z. S., Lond., 1899, p. 211.
Dosara cœlatalis. Walker: xix. 829 (1859).
———— Swinhoe: P. Z. S., Lond., 1885, p. 876.
———— Butler: P. Z. S., Lond., 1886, p. 384.
———— Moore: Lep. Ceylon, iii. p. 351 (1886).
———— S. and C.: Cat. Moths of India, v. 667. 4536 (1888).

Type. Moreton Bay, in B. M.
Type (*cœlatalis*). Ceylon, in B. M.
a. Karachi.

3576. Loxostege eurychrysa.

Metallarcha eurychrysa. Meyrick: Trans. Ent. Soc., Lond., 1884, p. 334.
Phlyctænodes eurychrysa. Hampson: P. Z. S., Lond., 1899, p. 212.

Type. Ardrossan, S. Australia, in coll. Meyrick.
a. Queensland.

3577. Loxostege affinitalis.

Botys affinitalis. Led.: Wien. Ent. Mon., vii. p. 475, pl. 12, f. 4 (1863).
———— Walker: xxxiv. 1390 (1865).
Phlyctænodes affinitalis. Hampson: P. Z. S., Lond., 1899, p. 211.
Scopula ustalis. Walker: xxxiv. p. 1477.
Tritæa ustalis. Meyrick: Trans. Ent. Soc., Lond., 1884, p. 342; 1887, p. 244.
Scopula turbidalis. Walker: xxxiv. p. 1477.
Nymphula sordida. Butler: Trans. Ent. Soc., Lond., 1886, p. 432.

Type. Australia, in coll. Rothschild.
Types (*ustalis* ♀ and *turbidalis* ♀). Moreton Bay, in B. M.
Type (*sordida*). Rockhampton, in B. M.
a. Australia.

GENUS **LEPIDONEURA.** Hampson: Faun. Brit. Ind. Moths, iv. p. 411 (1896).

3578. Lepidoneura longipalpis.

Antigastra longipalpis. Swinhoe: Ann. Mag. N. H. (6), xiv. p. 208 (1894).
Lepidoneura longipalpis. Hampson: l. c., p. 412.
———— P. Z. S., Lond., 1899, p. 214.

Type. Shillong, in B. M.
a. Shillong.

GENUS **ANTIGASTRA**. Led.: Wien. Ent. Mon., vii. p. 419 (1863).

3579. Antigastra catalaunalis.

Botys catalaunalis. Dup.: Lep. Fr., viii. p. 330, pl. 232, f. 8 (1830).
——— Herr. Schäff.: Eur. Schm., iv. p. 25, f. 56, 57 (1849).
Ebulea catalaunalis. Guen.: Delt. et Pyral., 361. 437 (1854).
——— Walker: xviii. 743 (1859).
——— Swinhoe: P. Z. S., Lond., 1884, p. 525; 1885, p. 874; 1886, p. 460.
——— S. and C.: Cat. Moths of India, v. 605. 4131 (1888).
Antigastra catalaunalis. Led.: l. c.
——— Walker: xxxiv. 1483 (1865).
——— Felder: Reise Nov. Lep., pl. 135, f. 12 (1874).
——— Hmn.: Faun. Brit. Ind. Moths, iv. p. 412 (1896).
——— P. Z. S., Lond., 1899, p. 215.
Botys venosalis. Walker: xxxiv. 1401.

Type (*venosalis*). Congo, in B. M.
a. Nilgiri Hills.

GENUS **NOORDA**. Walker: xix. 978 (1859).

3580. Noorda blitealis.

Noorda blitealis. Walker: xix. 979.
——— Swinhoe: P. Z. S., Lond., 1885, p. 871.
——— Moore: Lep. Ceylon, iii. p. 354, pl. 178, f. 11 (1886).
——— S. and C.: Cat. Moths of India, v. 622. 4227 (1888).
——— Hmn.: Ill. Typ. Lep. Het., B. M., ix. 44. 1161 (1893).
——— Faun. Brit. Ind. Moths, iv. p. 414 (1896).
——— P. Z. S., Lond., 1899, p. 221.
Scopula (?) *subjectalis*. Walker: xxxiv. 1472 (1865).

Type. Ceylon, in B. M.
Type (*subjectalis*). Deccan, in B. M.
a. India (Hearsay). b. Bombay (2).

3581. Noorda nigropunctalis.

Noorda nigropunctalis. Hampson: P. Z. S., Lond., 1899, p. 222.

Type. Malay States, in coll. Rothschild.
a. Sarawak, Borneo (Wallace).

GENUS **DAUSARA**. Walker: xvii. 507 (1859).

3582. Dausara talliusalis.

Dausara talliusalis. Walker: xvii. 507.
——— Hmn.: Faun. Brit. Ind. Moths, iv. p. 416 (1896).
——— P. Z. S., Lond., 1899, p. 222.
Glyphodes marginalis. Moore: P. Z. S., Lond., 1877, p. 618, pl. 60, f. 15.
——— S. and C.: Cat. Moths of India, v. 615. 4187 (1888).

Type (*marginalis*). S. Andamans, in B. M.
a. Sarawak (type) (Wallace).

GENUS **MECYNA**. Guen.: Delt. et Pyral., p. 406 (1854).

3583. Mecyna gilvata.

Phalæna gilvata. Fabr.: Ent. Syst., iii. (2), p. 208 (1794).

Mecyna gilvata. Walker: xix. 804 (1859).
———— Hampson: Faun. Brit. Ind. Moths, iv. p. 418 (1896).
———— P. Z. S., Lond., 1899, p. 224.
Pyralis polygonalis. Hübn.: Pyral., p. 25; pl. 10, f. 67; and figs. 204. 205 (1805).
Mecyna polygonalis. Guen.: l. c., 407. 530.
———— Walker: xix. 804.
———— Meyrick: Trans. Ent. Soc., Lond., 1884, p. 326.
———— Hmn.: Ill. Typ. Lep. Het., B. M., ix. 45. 1164 (1893).
Pyralis diversalis. Hübn.: l. c., f. 102.
Mecyna aversalis. Guen.: l. c., p. 409, pl. 4, f. 2.
———— Walker: xix. 806.
Mecyna teriadalis. Guen.: l. c. 410. 534.
———— Walker: xix. 806.
Mecyna deprivalis. Walker: xix. 806.
———— Meyrick: l. c., p. 327.
———— Moore: Lep. Ceylon, iii. p. 352, pl. 179, f. 1, 1*a* (1886).
———— S. and C.: Cat. Moths of India, v. 606. 4141 (1888).
Mecyna maorialis. Felder: Reise Nov. Lep., pl. 134, f. 34 (1874).

Type (*deprivalis*). Ceylon, in B. M.
Type (*maorialis*). New Zealand, in coll. Rothschild.
a. Ceylon (2) (Thwaites). b. Nilgiri Hills. c. Australia (5) (Kirby). d. Adelaide. e. South Island, New Zealand.

3584. Mecyna ornithopteralis.

Mecyna ornithopteralis. Guen.: Delt. et Pyral., 411. 536 (1854).
———— Walker: xix. 807 (1859).
———— Hampson: P. Z. S., Lond., 1899, p. 224.

a. New Holland (3).

GENUS **ADENA.** Walker: xxvii. 197 (1863).
Deana. Butler: Ann. Mag. N. H. (5), iv. p. 451 (1879).
Nesarcha. Meyrick: Trans. Ent. Soc., Lond., 1884, p. 330.

3585. Adena hybreasalis.

Scopula (?) *hybreasalis.* Walker: xviii. p. 797 (1859).
Adena hybreasalis. Hampson: P. Z. S., Lond., 1899, p. 227.
Nesarcha hybreadalis. Meyrick: Trans. Ent. Soc., Lond., 1884, p. 330.
Scopula (?) *paronalis.* Walker: xviii. p. 797.
Adena xanthialis. Walker: xxvii. p. 198.

Type. New Zealand, in B. M.
Types (*paronalis* and *xanthialis*). New Zealand, in B. M.
a. New Zealand.

GENUS **CALAMOCHROUS.** Led.: Wien. Ent. Mon., vii. p. 386 (1863).
Notaspis. Warren: Ann. Mag. N. H. (6), ix. p. 297 (1892).

3586. Calamochrous tranquillalis.

Botys tranquillalis. Led.: l. c., p. 466, pl. 9, f. 16.

Botys tranquillalis. Walker : xxxiv. 1389 (1865).
———— Snellen : Trans. Ent. Soc., Lond., 1890, p. 575.
Calamochrous tranquillalis. Hmn. : Faun. Brit. Ind. Moths, iv. p. 420 (1896).
———— P. Z. S., Lond., 1899, p. 228.
Pyrausta tranquillalis. Meyrick : Trans. Ent. Soc., Lond., 1897, p. 89.
a. India (2). b. Ceram (Wallace).

GENUS **MNESICTENA.** Meyrick : Trans. Ent. Soc., Lond., 1884, p. 328.

3587. Mnesictena quadralis.

Margaritia quadralis. Double. : Dieffenbach's New Zeal., i. p. 288 (1843).
Scopula quadralis. Walker : xviii. 796 (1859).
Mnesictena quadralis. Hampson : P. Z. S., Lond., 1899, p. 231.
Mnesictena marmarina. Meyrick : l. c., p. 329.
Type (*marmarina*). Palmerston, N. Zealand, in coll. Meyrick.
a. New Zealand.

GENUS **METASIA.** Guen. : Delt. et Pyral., p. 251 (1854).

3588. Metasia hodiusalis.

Botys hodiusalis. Walker : xviii. 706 (1859).
Metasia hodiusalis. Hampson : P. Z. S., Lond., 1899, p. 237.
Botys medialis. Walker : xxxiv. 1432 (1865).
Type. Sarawak, Borneo, in B. M.
a. Sarawak (3) (Wallace). b. New Guinea (type *medialis*) (Wallace).

GENUS **LEPIDOPLAGA.** Warren : Ann. Mag. N. H. (6), xvi. p. 475 (1895).

3589. Lepidoplaga flavofimbriata.

Mabra flavofimbriata. Moore : Descr. Ind. Lep. Atk., iii. p. 208 (1888).
———— S. and C. : Cat. Moths of India, v. 626. 4255 (1888).
Pionea flavofimbriata. Hmn. : Faun. Brit. Ind. Moths, iv. p. 427 (1896).
———— P. Z. S., Lond., 1899, p. 240.
Crocidophora (?) *flavicinctalis.* Snellen : Trans. Ent. Soc., Lond., 1890, p. 595.
Lepidoplaga longicorpus. Warren : l. c. (6), xviii. p. 108 (1896).
Lepidoplaga elongalis. Warren : l. c.
Type. Calcutta, in B. M.
Type (*flavicinctalis*). Sikkim, in coll. Elwes.
Types (*longicorpus* and *elongalis*). Khasia Hills, in coll. Rothschild.
a. Cherra Punji (2).

GENUS **IRIGILLA.** nov.

Palpi porrect, frons rounded, venation as in Pionea : antennæ of male very minutely ciliated : a very large tuft of hair on the fore-wing, on the underside beyond upper angle of cell.

3590. Irigilla nypsiusalis.

Rhodaria (?) *nypsiusalis.* Walker : xix. 924 (1859).

Pionea nypsiusalis. Hampson: P. Z. S., Lond., 1899, p. 241.
a. Sarawak, Borneo (type) (Wallace).

Genus **UDEA.** Guen.: Delt. et Pyral., p. 367 (1854).
Cindaphia. Led.: Wien. Ent. Mon., vii. p. 438 (1863).
Melanomecyna. Butler: Ent. Mo. Mag., xix. p. 179 (1883).

3591. Udea inferioralis.
Botys inferioralis. Walker: xxxiv. 1433 (1865).
a. Ceram (type) (Wallace).

Genus **PIONEA.** Guen.: Delt. et Pyral., p. 367 (1854).
Stantira. Walker: xxvi. 76 (1863).
Pseudebulea. Butler: Trans. Ent. Soc., Lond., 1881, p. 587.
Idioblasta. Warren: Ann. Mag. N. H. (6), viii. p. 62 (1891).
Sericoplaga. Warren: l. c., ix. p. 296 (1892).
Aglaops. Warren: l. c., p. 298.

3592. Pionea ablactalis.
Botys ablactalis. Walker: xviii. 660 (1859).
———— Led.: Wien. Ent. Mon., vii. p. 371 (1863).
———— Swinhoe: P. Z. S., Lond., 1885, p. 874.
Hapalia ablactalis. Moore: Lep. Ceylon, iii. p. 339 (1886).
———— S. and C.: Cat. Moths of India, v. 598. 4082 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 270.
———— Snellen: Trans. Ent. Soc., Lond., 1890, p. 578.
Pyrausta ablactalis. Meyrick: Trans. Ent. Soc., Lond., 1894, pp. 7 and 463.
Leucocraspeda ablactalis. Hampson: Ill. Typ. Lep. Het., B. M., ix. p. 164, pl. 172, f. 6 (1893).
Pionea ablactalis. Hampson: Faun. Brit. Ind. Moths, iv. p. 426 (1896).
———— P. Z. S., Lond., 1899, p. 247.
Botys murinalis. Pag.: J. B. Nass. Ver., 1885, p. 55.
Type. Ceylon, in B. M.
a. Ceylon (Thwaites).

3593. Pionea turiusalis. Pl. VIII. f. 7.
Botys turiusalis. Walker: xviii. 690 (1859).
Pionea turiusalis. Hampson: P. Z. S., Lond., 1899, p. 246.
Botys brœsialis. Walker: xviii. 699.
Botys eriggusalis. Walker: xix. 1005 (1859).
Type (*brœsialis*). Sarawak, Borneo, in B. M.
a. Sarawak (type) (Wallace). b. Sarawak (type *eriggusalis*) (Wallace).

3594. Pionea ochrealis.
Pyralis ochrealis. Moore: P. Z. S., Lond., 1877, p. 614.
Botys ochrealis. S. and C.: Cat. Moths of India, v. 596. 4069 (1888).
———— Snellen: Trans. Ent. Soc., Lond., 1890, p. 573.

Pionea aureolalis. Hmn.: (part) Faun. Brit. Ind. Moths, iv. p. 424 (1896).
———————— P. Z. S., Lond., 1899, p. 246.

Type. Port Blair, in coll. Moore.
a. Khasia Hills.

3595. Pionea aureolalis.

Botys aureolalis. Led.: Wien. Ent. Mon., vii. p. 473 (1863).
———————— Walker: xxxiv. 1389 (1865).
———————— S. and C.: Cat. Moths of India, v. 593. 4047 (1888).
Pionea aureolalis. Hmn.: (part) Faun. Brit. Ind. Moths, iv. p. 424 (1896).
———————— P. Z. S., Lond., 1899, p. 246.

a. Khasia Hills (2).

3596. Pionea placens. Pl. VIII. f. 12.

Botys (?) placens. Walker: xxxiv. 1416 (1865).
Pionea placens. Hampson: P. Z. S., Lond., 1899, p. 246.

a. Sarawak, Borneo (type) (Wallace).

3597. Pionea minnehaha.

Pyrausta minnehaha. Pryer: Cist. Ent., ii. p. 234, pl. 4, f. 9 (1877).
Pionea minnehaha. Hampson: P. Z. S., Lond., 1899, p. 246.

Type. China, in B. M.
a. North China.

3598. Pionea castoralis.

Botys castoralis. Walker: xviii. 693 (1859).
Syngamia castoralis. Meyrick: Trans. Ent. Soc., Lond., 1894, p. 467.
Pionea castoralis. Hampson: Faun. Brit. Ind. Moths, iv. p. 426 (1896).
———————— P. Z. S., Lond., 1899, p. 247.
Samea purpurascens. Moore: P. Z. S., Lond., 1877, p. 615.
———————— S. and C.: Cat. Moths of India, v. 625. 4248 (1888).
Archernis purpurascens. Hampson: Ill. Typ. Lep. Het., B. M., viii. 35. 988 (1891).

Type (*purpurascens*). Andamans, in B. M.
a. Sarawak, Borneo (type) (Wallace). b. Morty (Wallace).
The type specimen is a male, not female as stated by Walker.

GENUS **NASCIA.** Curt.: Brit. Ent., vi. p. 599 (1840).
Algedonia. Led.: Wien. Ent. Mon., vii. p. 363 (1863).
Aplographe. Warren: Ann. Mag. N. H. (6), ix. p. 301 (1892).
Ebuleodes. Warren: l. c., xviii. p. 112 (1896).

3599. Nascia coclesalis.

Botys coclesalis. Walker: xviii. 701 (1859).
———————— Butler: P. Z. S., Lond., 1880, p. 685.
———————— Snellen: Trans. Ent. Soc., Lond., 1890, p. 573.
Hapalia coclesalis. Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 269.
Pyrausta coclesalis. Hampson: Faun. Brit. Ind. Moths, iv. p. 441 (1896).
———————— P. Z. S., Lond., 1899, p. 254.
Botys itemalesalis. Walker: xix. 996 (1859).
———————— S. and C.: Cat. Moths of India, v. 595. 4061 (1888).

Phlyctænia itemalesalis. Meyrick: Trans. Ent. Soc., Lond., 1894. pp. 6 and 463.
Botys strenualis. Walker: xxxiv. 1409 (1865).
———— Swinhoe and Cotes: l. c., 597. 4075.
Scopula strenualis. Forsayeth: Trans. Ent. Soc., Lond., 1884, p. 417 (larva).
Botys interfusalis. Walker: xxxiv. 1443.
Botys lentalis. Felder: Reise Nov. Lep., pl. 135, f. 44 (1874).
———— Swinhoe and Cotes: l. c., 595. 4063.

Type. Sarawak, Borneo, in B. M.
Type (*itemalesalis*). Shanghai, in B. M.
Type (*strenualis*). South India, in B. M.
Type (*interfusalis*). Java, in B. M.
Type (*lentalis*). Bengal, in coll. Rothschild.
a. Amoy, China. b. Sarawak (Wallace).

Genus **PYRAUSTA**. Schrank: Faun. Boica, ii. (2), p. 163 (1802).
Syllythria. Hübn.: Verz., p. 349 (1816).
Hæmatia. Hübn.: l. c.
Epicorsia. Hübn.: l. c., p. 355.
Anania. Hübn.: l. c., p. 360.
Ostrinia. Hübn.: l. c.
Hercyna. Treit.: Schm. Eur., vii. p. 179 (1829).
Herbula. Guen.: Delt. et Pyral., p. 175 (1854).
Synchromia. Guen.: l. c., p. 288.
Ebulea. Guen.: l. c., p. 357.
Sebunta. Walker: xxvii. 77 (1863).
Ennychia. Led.: Wien. Ent. Mon., vii. p. 355 (1863).
Paliga. Moore: Lep. Ceylon, iii. p. 350 (1885).
Opsibotys. Warren: Ann. Mag. N. H. (6), vi. p. 474 (1890).
Sciorista. Warren: l. c., p. 475.
Micractis. Warren: l. c., ix. p. 294 (1892).
Diacme. Warren: l. c., p. 389.
Niphograpta. Warren: l. c., p. 390.
Cosmocreon. Warren: l. c., p. 433.

3600. Pyrausta silhetalis.

Pyrausta silhetalis. Guen.: l. c., 166. 78.
———— Walker: xvii. 311 (1859).
———— Moore: P. Z. S., Lond., 1867, p. 89.
———— Warren: P. Z. S., Lond., 1888, p. 333.
———— S. and C.: Cat. Moths of India, v. 639. 4337 (1888).
———— Hampson: Faun. Brit. Ind. Moths, iv. p. 429 (1896).
———— P. Z. S., Lond., 1899, p. 269.
Botys silhetalis. Led.: l. c., p. 364.
Botys pangialis. Felder: Reise Nov. Lep., pl. 134, f. 25 (1874).
Pyrausta cuprealis. Moore: Ann. Mag. N. H. (5), i. p. 235 (1878).

Pyrausta cuprealis. Moore : 2nd Yark. Miss., Lep., p. 13, pl. 1, f. 26 (1879).
———— S. and C. : l. c., 4335.

Type (*pangialis*). Pangi, Himalayas, in coll. Rothschild.
Type (*cuprealis*). Yarkand, in Ind. Mus., Calcutta.
a. India (2).

3601. Pyrausta damastesalis.

Scopula damastesalis. Walker: xix. 1013 (1859).
———— Swinhoe : P. Z. S., Lond., 1885, p. 874; 1886, p. 460.
Paliga damastesalis. Moore: Lep. Ceylon, iii. p. 350 (1886).
———— S. and C.: Cat. Moths of India, v. 608. 4147 (1888).
———— Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 276.
———— Hmn.: Ill. Typ. Lep. Het., B.M., ix. 45. 1173 (1893).
Botys damastesalis. Snellen : Trans. Ent. Soc., Lond., 1890, p. 575.
Pyrausta damastesalis. Meyrick: Trans. Ent. Soc., Lond., 1894, p. 463.
Botys egenalis. Led. : Wien. Ent. Mon., vii. pp. 372, 468, pl. 10, f. 7 (1863).
Pyrausta machæralis. Hmn.: (part) Faun. Brit. Ind. Moths, iv. p. 432 (1896).
———— P. Z. S., Lond., 1899, p. 263.

Type. Ceylon, in B. M.
a. Bombay (4).

3602. Pyrausta mustelalis.

Rhodaria mustelalis. Walker: xix. 924 (1859).
Pyrausta mustelalis. Hampson: P. Z. S., Lond., 1899, p. 264.

a. Sarawak, Borneo (type) (Wallace).

3603. Pyrausta achœusalis.

Botys achœusalis. Walker: xix. 1007.
Pyrausta achœusalis. Hampson: P. Z. S., Lond., 1899, p. 263.
Metallarcha achœalis. Meyrick: Trans. Ent. Soc., Lond., 1884, p. 334.
Myriostephes achœalis. Meyrick: l. c., 1887, p. 236.

Type. Australia, in B. M.
a. Australia.

3604. Pyrausta aurifusalis. nov. Pl. VIII. f. 25.

Botys aurifusalis. Walker: MS.

♀ Pale ochreous, costa and outer marginal line dark ochreous, abdomen near the base and costal portion of hind-wings whitish, fore-wings with three transverse ochreous lines nearly straight, ante-medial, medial and post-medial, at nearly equal distances apart, the centre line running into a lunular mark at the end of the cell; hind-wings with two similar lines, the first from the abdominal margin one-fourth from the angle hardly reaching the white costal space, the second discal and short; cilia coloured like the wings. Underside paler, with an apical ochreous grey band on fore-wings.

Expanse of wings, $1\frac{1}{10}$ inches.

a. Sula (type) (Wallace).

3605. Pyrausta celatalis.

Botys celatalis. Walker : xviii. 657 (1859).

Ebulea celatalis. Moore: Lep. Ceylon, iii. p. 345 (1886).
———— S. and C.: Cat. Moths of India, v. 605. 4132 (1888).
Pyrausta celatalis. Hampson: Faun. Brit. Ind. Moths, iv. p. 433 (1896).
———— P. Z. S., Lond., 1899, p. 263.
Botys rhœcusalis. Walker: xix. 1000 (1859).
Botys subcrocealis. Snellen: Tijd. voor Ent., xxiii. p. 208 (1880).

Type. Ceylon, in B. M.

a. Sarawak, Borneo (type *rhœcusalis*) (Wallace).

3606. Pyrausta coorumba.

Opsibotys coorumba. Hampson: Ill. Typ. Lep. Het., B. M., viii. p. 132, pl. 154, f. 13 (1891).
Pyrausta coorumba. Hmn.: (part) Faun. Brit. Ind. Moths, iv. p. 434 (1896).
———— P. Z. S., Lond., 1899, p. 261.

Type. Nilgiri Hills, in B. M.

a. Coonoor (3) (Minchin).

Larva greenish white, naked, a little over an inch in length; feeds on a species of nettle, rolling the leaf: pupa black (Minchin).

3607. Pyrausta damoalis.

Botys damoalis. Walker: xviii. 656 (1859).
———— Moore: P. Z. S., Lond., 1867, p. 96.
———— Butler: P. Z. S., Lond., 1880, p. 685.
———— S. and C.: Cat. Moths of India, v. 594. 4052 (1888).
Hapalia damoalis. Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 269.
Pyrausta damoalis. Hmn.: (part) Faun. Brit. Ind. Moths, iv. p. 436 (1896).
———— Hampson: P. Z. S., Lond., 1899, p. 259.

Type. China, in B. M.

a. Flores (2) (Wallace). b. Morty (2) (Wallace).

3608. Pyrausta eriopisalis.

Botys eriopisalis. Walker: xix. 1006 (1859).
Pyrausta eriopisalis. Hmn.: Faun. Brit. Ind. Moths, iv. p. 437 (1896).
———— P. Z. S., Lond., 1899, p. 260.
Glauconoë atrigenalis. Warren: Ann. Mag. N. H. (6), xvii. p. 95 (1896).

Type (*atrigenalis*). Cherra Punji, in coll. Rothschild.

a. Sarawak, Borneo (type) (Wallace).

3609. Pyrausta vitellinalis.

Botys vitellinalis. Kollar: Hüg. Kasch., p. 492 (1844).
———— Led.: Wien. Ent. Mon., vii. p. 371 (1863).
———— Walker: xxxiv. 1389 (1865).
———— S. and C.: Cat. Moths of India, v. 598. 4081 (1888).
Hapalia vitellinalis. Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 271.
Pyrausta vitellinalis. Hmn.: Faun. Brit. Ind. Moths, iv. p. 437 (1896).
———— P. Z. S., Lond., 1899, p. 260.
Botys extinctalis. Led.: l. c., pp. 372 and 467, pl. 9, f. 18.

a. Cherra Punji.

3610. Pyrausta ciniferalis. Pl. VIII. f. 6.

Botys ciniferalis. Walker: xxxiv. 1417 (1865).

Pyrausta ciniferalis. Meyrick: Trans. Ent. Soc., Lond., 1894, p. 463.
———— Hampson: Faun. Brit. Ind. Moths, iv. p. 439 (1896).
———— P. Z. S., Lond., 1899, p. 256.
Hapalia concolor. Moore: Lep. Ceylon, iii. p. 339, pl. 181, f. 3 (1886).
———— S. and C.: Cat. Moths of India, v. 598. 4085 (1888).

Type (*concolor*). Ceylon, in B. M.

a. New Guinea (type) (Wallace). b. Sula (Wallace).

3611. Pyrausta indistans.

Hapalia indistans. Moore: Descr. Ind. Lep. Atk., p. 223 (1888).
———— S. and C.: Cat. Moths of India, v. 599. 4094 (1888).
Botys indistans. Snellen: Trans. Ent. Soc., Lond., 1890, p. 580.
Pyrausta indistans. Hampson: Faun. Brit. Ind. Moths, iv. p. 438 (1896).
———— P. Z. S., Lond., 1899, p. 259.

Type. Darjiling, in coll. Staudinger.

a. India.

3612. Pyrausta incoloralis.

Botys incoloralis. Guen.: Delt. et Pyral., 332. 369 (1854).
———— Walker: xviii. 656 (1859).
———— Led.: Wien. Ent. Mon., vii. 371 (1863).
———— Moore: P. Z. S., Lond., 1867, p. 97.
———— Snellen: Tijd. voor Ent., xxvi. p. 126 (1883).
———— Meyrick: Trans. Ent. Soc., Lond., 1884, p. 322.
———— Swinhoe: P. Z. S., Lond., 1885, p. 873; 1886, p. 459.
———— S. and C.: Cat. Moths of India, v. 595. 4059 (1888).
Opsibotys incoloralis. Hmn.: Ill. Typ. Lep. Het., B. M., viii.35.976(1891).
Pyrausta incoloralis. Hmn.: Faun. Brit. Ind. Moths, iv. p. 438 (1896).
———— P. Z. S., Lond., 1899, p. 257.
Botys ruficostalis. Led.: Verh. Zool.-bot. Ges. Wien., 1855, p. 217, pl. 3, f. 4.
———— Wien. Ent. Mon., vii. p. 371.
———— Walker: xxxiv. 1383 (1865).
Botys melonalis. Walker: xviii. 702; xxxiv. 1474.
Spilodes melonalis. Swinhoe and Cotes: l. c., 607. 4144.
Spilodes nitetisalis. Walker: xviii. 773; xxxiv. 1455.
Botys albidalis. Walker: xxxiv. 1411.
———— Swinhoe and Cotes: l. c., 593. 4042.

Type (*melonalis*). Java, in B. M.
Type (*nitetisalis*). Congo, in B. M.
Type (*albidalis*). India, in B. M.

a. Bombay. b. India (2). c. Sula (Wallace). d. Indore (4) (Hearsay).

3613. Pyrausta kenalis. nov. Pl. VIII. f. 28.

♀ Above of a uniform dark brown colour, palpi and body on the underside pure white, as are also the legs: fore-wings above with black spots on the costa, a black spot in the cell and another at its end, indistinct transverse sinuous brown lines, ante-medial and post-medial, the latter bent inwards at vein 5, then downwards to the hinder margin, a little beyond the middle and continued across the centre of the hind-wings; a black spot within the cell on that wing and

a sub-margin brown line to both wings, not close to the margin: marginal line brown, cilia grey brown with a brown line running through its base: abdomen with dark brown segmental lines and a white spot at the base of the brown anal tuft.

Expanse of wings, $1\frac{1}{10}$ inches.

a. India (type).

Nearest in resemblance to *P. lugubralis*, Leech, Entom., 1889, p. 67.

3614. Pyrausta rhipheusalis. Pl. VIII. f. 20.

Botys rhipheusalis. Walker: xviii. 710 (1859).
Pyrausta rhipheusalis. Hampson: P. Z. S., Lond., 1899, p. 256.

a. Sarawak, Borneo (type) (Wallace).

3615. Pyrausta memnialis.

Ebulea (?) *memnialis.* Walker: xix. 1010 (1859).
Pyrausta memnialis. Hampson: P. Z. S., Lond., 1899, p. 263.

Type. Shanghai, in B. M.

a. N. India.

The Chinese form of the European *Pyrausta palustralis*, Hübn.

3616. Pyrausta theialis.

Botys theialis. Walker: xviii. 689 (1859).
———— Hampson: P. Z. S., Lond., 1899, App. p. 287.

a. Sarawak, Borneo (type) (Wallace).

The type specimen should be in the B. M.: but there has apparently been a misprint here in Walker's catalogue; this example is undoubtedly the type and has Walker's label on it. Hampson puts it in his list of lost types.

Genus **SCELIODES.** Guen.: Delt. et Pyral., p. 400 (1854).
Daraba. Walker: xvii. 385 (1859).
Eretria. Snellen: Tijd. voor Ent., xxiii. p. 206 (1880).

3617. Sceliodes cordalis.

Margaritia cordalis. Double.: Dieff. N. Zeal., i. 288, 128 (1843).
Scopula (?) *cordalis.* Walker: xviii. p. 794 (1859).
Sceliodes cordalis. Meyrick: Trans. Ent. Soc., Lond., 1884, p. 303.
———— Hampson: P. Z. S., Lond., 1899, p. 275.
Sceliodes mucidalis. Guen.: l. c.
———— Walker: xix. p. 799 (1859).
———— Led.: Wien. Ent. Mon., vii. p. 381 (1863).
Daraba extensalis. Walker: xxxiv. p. 1311 (1865).
Eretria obsistalis. Snellen: l. c.; and xxvi. pl. 6, f. 12 (1883).

Type (*extensalis*). New Zealand, in B. M.

a. Australia. b. N. Zealand. c. South Island, N. Zealand.

GENUS **NOCTUELIA**. Guen.: Delt. et Pyral., p. 113 (1854).
Aporodes. Guen.: l. c., p. 159.
Aporocosmus. Butler: Trans. Ent. Soc., Lond., 1886, p. 396.
Semniomima. Warren: Ann. Mag. N. H. (6), ix. p. 172 (1892).
Mimoschinia. Warren: l. c., 174.

3618. Noctuelia meleagrisalis.

Herbula meleagrisalis. Walker: xvii. 324 (1859).
——— Butler: Ann. Mag. N. H. (5), ix. p. 211 (1882).
——— Swinhoe: P. Z. S., Lond., 1886, p. 458.
Aporodes meleagrisalis. Butler: P. Z. S., Lond., 1883, p. 167; 1886, p. 383.
——— Swinhoe: l. c., 1884, p. 524.
——— Trans. Ent. Soc., Lond., 1885, p. 354.
——— S. and C.: Cat. Moths of India, v. 643. 4362 (1888).
Eudorea transversalis. Moore: Ann. Mag. N. H. (5), i. p. 235 (1878).
——— 2nd Yark. Miss., Lep., p. 14 (1879).
——— Swinhoe and Cotes: l. c., 633. 4298.
Noctuelia floralis. Hmn.: (part) Faun. Brit. Ind. Moths, iv. p. 445 (1896).
——— P. Z. S., Lond., 1899, p. 279.

Type. Punjab, in B. M.
Type (*transversalis*). Yarkand, in Ind. Mus., Calcutta.
a. Bombay (2).
The Eastern form of *N. floralis*, Hübn.

GENUS **HELIOTHELA**. Guen.: Delt. et Pyral., p. 152 (1854).
Orosana. Walker: xxviii. 459 (1863).
Nyctarcha. Meyrick: Trans. Ent. Soc., Lond., 1884, p. 344.

3619. Heliothela ophideresana.

Orosana ophideresana. Walker: xxviii. 459.
Heliothela ophideresana. Moore: Lep. Ceylon, iii. p. 269 (1885).
——— S. and C.: Cat. Moths of India, v. 666. 4526 (1888).
——— Hmn.: Faun. Brit. Ind. Moths, iv. p. 446 (1896).
——— P. Z. S., Lond., 1899, p. 281.
Nyctarcha ophideres. Meyrick: l. c., p. 345.
Heliothela pusilla. Butler: Ill. Typ. Lep. Het., B. M., vii. p. 93, pl. 134, f. 15 (1891).

Type. Australia, in B. M.
Type (*pusilla*). Dharmsala, in B. M.
a. Ootacamund (Minchin).

[The following determinations of the *Pterophoridæ* and *Tineina* are by Lord Walsingham and Mr. John Hartley Durrant, and the signatures show the actual responsibility for each identification, but the synonomy is extracted from the unpublished and at present incomplete Catalogue which for many years has occupied their time and attention, and should be cited under their joint signatures.]

PTEROPHORIDÆ AND TINEINA.

By the Rt. Honble. Lord Walsingham, M.A., LL.D., High Steward of the University of Cambridge, F.R.S., &c., *and* John Hartley Durrant, F.E.S., *Membre Soc. Ent. de France.*

PYRALIDINA.

PTEROPHORIDÆ.

OXYPTILUS, Z.

OXYPTILUS, Z., Isis, 1841, 765.

3620. Oxyptilus (?) wahlbergi, Z.

= **rutilalis,** Wkr.[5]

Pterophorus wahlbergi, Z., Hndl. Kngl. Svensk. Vet.-Ak. 1852, 117[1]. *Oxyptilus wahlbergi,* Z., Lin. Ent. VI. 346–8 (1852)[2]; Wkr., Cat. Lp. Ins. BM. XXX. 934 (1864)[3]. *Pterophorus rutilalis,* Wkr., Cat. Lp. Ins. BM. XXX. 943 (1864)[4]. *Oxyptilus wahlbergi,* Wlsm., Tr. Ent. Soc. Lond. 1881, 280–1[5].

Types. wahlbergi, Z., ♀, Mus. Wlsm.; *rutilalis,* Wkr., Mus. Br.

Hab. Africa—Cape Colony, Natal, Limpopo-Gariep[1–5]. India—[Bangalore 5. IX. (*Minchin*), Dharmsala (*Hocking*). Ceylon—Nawalapitiya (*Green*), Pundaloya, XI (*Green*). Mus. Wlsm.]

Mus. Oxf. India—Ganjam, X. 1882 (*Minchin*), one specimen. [Wlsm. Det. 29 (1893).]

The Indo-Ceylon specimens differ very slightly in colour, but not in structure, from *Oxyptilus wahlbergi,* Z. (from South Africa), which is not a true *Oxyptilus.* [Wlsm.]

PLATYPTILIA, Hb.

PLATYPTILIA, Hb., Verz. bek. Schm. 429 (1826).

3621. Platyptilia exaltata, Z.

Pterophorus (*Platyptilus*) *exaltatus,* Z., Stett. Ent. Ztg. XXVIII. 411–2 (1867)[1]. *Platyptilia exaltata,* Swinh. & Cotes, Cat. Moths Ind. 668, No. 4541 (1889)[2].

Type. Mus. Wlsm.

Hab. India—Darjiling[1], Simla[2], [Dharmsala (*Hocking*); Kukti, N. W. Himalayas (*Leech*). Mus. Wlsm.]

Mus. Oxf. Assam (*Jenkins*), one specimen. [Wlsm. Det. 186 (1893).]

ALUCITA, L.

ALUCITA, L., Syst. Nat. (ed. X), 496 (1758). = ACIPTILIA, Hb., Verz. bek. Schm. 430–1 (1826); Stgr. & Wk. Cat., &c.

3622. Alucita albitarsella, Wlsm. sp. n.

Antennæ pale brownish grey. *Palpi* very short, porrect, not reaching beyond the head; brownish grey. *Head and Thorax* brownish grey. *Forewings* cleft to about one-third of their length, the lobes slightly diverging; brownish grey, the costa narrowly white, interrupted above the base of the fissure by an elongate black costal spot; between this and the apex are a few blackish costal scales, the extreme apex being touched with white; cilia brownish grey, with a fuscous shade running through them near the end of the apical lobe; on the tornal lobe is an elongate white streak running from the base of the fissure along half the length of the lobe at its upper edge, and occupying more than half the width of the lobe; cilia brownish grey with a slight fuscous shade above and below, and a few whitish scales at the apex. *Exp. al.* 14·5 mm. *Hindwings* pale brownish grey, posterior lobe not toothed; cilia pale brownish grey. *Abdomen* brownish grey, slenderly streaked along its upper surface with whitish lines. *Legs* brownish grey, paler at the base and darker about the spurs; the spurs themselves being whitish and the posterior tarsal joints white.

Type ♂. MUS. OXF. [Wlsm. Det. 15 (1893).]

Hab. INDIA—Ootacamund (*Minchin*), one specimen. MUS. OXF.

'*Larva* white, about half an inch long, with a few long hairs scattered about its body. It burrows into the shoots of a common jungle plant. *Pupa* suspended by tail from underside of a leaf. No. 1021' (Minchin MS.).

TINEINA.

ÆGERIADÆ.

The genera and species belonging to this family have been enumerated by Colonel Swinhoe in vol. I. pp. 35–40, Nos. 140–164 (1892).

TINÆGERIADÆ.

SNELLENIA, Wlsm.

SNELLENIA, Wlsm., Tr. Ent. Soc. Lond. 1889, 13–14, 36.

3623. Snellenia bimaculata, Wlsm.

Snellenia bimaculata, Wlsm., Tr. Ent. Soc. Lond. 1889, 15, 17, 37, Pl. VI. 6 (1889)[1].

Type ♀. Mus. Wlsm.

Hab. BORNEO—Sandakan[1].

MUS. OXF. One specimen, CEYLON (*Thwaites*, 1873), probably from Peradeniya. [Wlsm. Det. 55 (1893).]

GELECHIADÆ.

GONÆPA, Wkr.

GONÆPA, Wkr., Cat. Lp. Ins. BM. XXXV. 1840 (1866).

Antennæ ♂ strongly biciliate (4); ♀ filiform. *Maxillary Palpi* not developed. *Labial Palpi* very slender, median joint recurved, terminal joint as long as median but more slender. *Haustellum* present. *Head* small, smooth. *Thorax* smooth. *Forewings* gradually widened from the base, at the termen nearly twice the width of the extreme base; costa slightly arched at the base, straight beyond, apex slightly rounded, termen somewhat oblique, tornus well-defined. *Neuration* 11 veins (4 probably coincident with 3); 2 and 3 stalked; 7 and 8 stalked, 7 to costa, 9 out of stalk of 7+8; 5 and 6 remote; 1 simple (not basally furcate); an internal vein from near 11 sends two branches to between 5 and 6. *Hindwings* broader than the forewings, rather trapezoidal, costa straight, apex rounded, termen scarcely impressed below the apex but with a somewhat defined angle between veins 3 and 4. *Neuration*: 7 veins (5 absent, cell open); 2 from near base of cell; 3 and 4 stalked; 6 and 7 stalked; 8 free to near base. *Abdomen* short, ♂ moderate, ♀ wide and slightly flattened. *Legs*, hind tibiæ slightly roughened with scales above; spurs moderate.

Allied to *Crocanthes*, Meyr., and *Idiopteryx*, Wlsm. [Wlsm.]

3624. Gonæpa josianella, Wkr.

Gonæpa josianella, Wkr., Cat. Lp. Ins. BM. XXXV. 1840 (1866)[1].

Antennæ, *Palpi*, *Head* and *Thorax* purplish brown, the palpi paler beneath. *Forewings* purplish brown along the costal half, the brown colour extending across the wing at the base, almost to the extreme edge of the dorsum; the remainder of the wing orange-yellow to the tornus, extending along the lower half of the termen, the division between the two colours not abruptly defined; at about one-fifth from the apex a slight orange yellow streak passes through the brown into the yellow portion of the wing; this is somewhat distinctly margined by a brown streak on its inner side; cilia brown, with a pale yellow line at their base; underside corresponding to the upper side in colour. *Exp. al.* 23 mm. *Hindwings* pale orange yellow, purplish brown at the extreme base; the hinder margin broadly purplish fuscous, into which the yellow colour extends in short tooth-like projections along or between the veins; a small purplish fuscous spot lies on the upper edge of the cell at one-third from the base; underside corresponding to the upper side in colour. *Abdomen* purplish brown at the base, with a broad yellow band across the middle, corresponding to the yellow space in the wings when expanded. *Legs* yellowish, with purplish brown bands across the ends of the tarsi and tibiæ.

Type ♂. Mus. Br. (Saunders Coll., acquired 1894).

Hab. NEW GUINEA[1]. [Andai, Wandesi, Humboldt Bay (*Doherty*). Mus. Wlsm.]

MUS. OXF. A single specimen (No. 43, Wlsm. 1893) without locality but labelled 'Coll. Wallace—Higgins 1871.' This specimen is almost certainly from New Guinea and if collected by Wallace himself probably came from Dorey.

I had described this as a new genus and species before the discovery of Walker's missing types 'In Mr. Saunders' collection' enabled me to identify it as *Gonæpa josianella*. [Wlsm. Det. 43 (1893).]

ADELOMORPHA, Snell.

ADELOMORPHA, Snell., Tijd. v. Ent. XXVIII. 31–2, Pl. III. 1–3 (1885).

3625. Adelomorpha (?) bernsteiniella, Snell.

Dasycera (?) bernsteiniella, Snell., Tijd. v. Ent. XXI. 145–7, Pl. VIII. 7–10 (1878)[1].

Type ♂. Mus. Leyden.

Hab. MALAYSIA—SALAWATTI[1], [NEW GUINEA—Andai (*Doherty*). Mus. Wlsm.]

MUS. OXF. One specimen, without locality 'Coll. Wallace,—Higgins 1871.' [Drnt. Det. 3685 (1899).]

ODITES, Wlsm.

ODITES, Wlsm., Tr. Ent. Soc. Lond. 1891, 99–102, Pl. VII. 80.

3626. Odites bambusæ, Wlsm. sp. n.

Antennæ whitish fawn, annulate with brown. *Palpi*, median joint very long, scarcely recurved, terminal joint slender recurved; whitish fawn. *Head* whitish fawn-colour. *Thorax* fawn-colour. *Forewings* pale fawn, with two small fuscous spots on the disc before the middle, of which the lower is nearer the base than the upper, a third spot at the end of the cell preceded by a smaller one a little above and before it; a brownish shade across the apical veins reverting towards the middle of the costa and downwards parallel with the termen to the dorsum, which it follows to the base (this faint shade is composed of scattered scales and would probably be even less conspicuous in a caught specimen); around the termen and apex is a series of fuscous dots, about eight in number: cilia pale fawn. *Exp. al.* 24 mm. *Hindwings* shining whitish; cilia the same, tinged with fawn along the limbus. *Abdomen* pale fawn. *Legs* whitish fawn.

Type ♂. MUS. OXF. [Wlsm. Det. 12 (1893).]

Hab. INDIA—Ootacamund IV. (*Minchin*), one specimen. MUS. OXF.

'*Larva* pale green, naked, smooth, rather more than an inch long; a leaf-roller on bamboo. The imago emerged in April. No. 1059' (Minchin MS.).

3627. Odites hederæ, Wlsm. sp. n.

Antennæ pale fawn, faintly annulate with brown. *Palpi* (somewhat shorter than in *bambusæ*, but of the same form) median joint scarcely

recurved, terminal joint slightly recurved; pale fawn, median joint tinged with brown externally. *Head* pale fawn, slightly tinged with brown above. *Thorax* pale fawn, tinged with brown. *Forewings*, apex considerably produced, termen very oblique; pale fawn, mottled with brown and brownish fuscous, the extreme base of the costa suffused with brownish fuscous scales; a strong group of brown mottlings appears to arise from the dorsum near the base, crossing the fold obliquely outwards and terminating in two patches of brownish fuscous, the one on the cell somewhat diffused, the other narrow and running along the fold; a fasciaform brownish shade, intermixed with brownish fuscous scales, leaves the middle of the costa and, gradually reduced in width, reaches to the dorsum before the tornus; this is followed before the apex by one or two short longitudinal streaks of brownish fuscous, which do not quite reach the costal cilia; along the termen is a series of five or six rather small brownish fuscous spots, the pale fawn cilia being divided by a brownish line. *Exp. al.* ♂ 21 mm., ♀ 28 mm. *Hindwings* shining whitish fawn, cilia the same. *Abdomen* and *Legs* pale fawn.

Type ♂ ♀. MUS. OXF. [Wlsm. Det. 10–11 (1893).]

Hab. INDIA—Ootacamund (*Minchin*), two specimens. MUS. OXF.

'*Larva* pale green, about an inch long, head brown; feeds on ivy, sometimes spinning two leaves together flat and living between them, sometimes rolling up the leaves. *Pupa* brown. Common all the year round. No. 971' (Minchin MS.).

ONEBALA, Wkr.

ONEBALA, Wkr., Cat. Lp. Ins. BM. XXIX. 792 (1864).

3628. Onebala blandiella, Wkr.

Onebala blandiella, Wkr., Cat. Lp. Ins. BM. XXIX. 792–3 (1864)[1]; Moore, Lp. Ceyl. III. 514–5 (1887)[2]; Swinh. & Cotes, Cat. Moths Ind. 714, No. 4885 (1889)[3].

Type ♂. Mus. Br.

Hab. CEYLON [1–3].

MUS. OXF. INDIA—Ootacamund II. (*Minchin*, 1886), one specimen.

'*Larva* greenish, naked, about an inch long. Leaf-roller on a common species of dead nettle at Ootacamund. Imago emerges in February. No. 1010' (Minchin MS.). [Wlsm. Det. 26 (1893).]

TIPHA, Wkr.

TIPHA, Wkr., Cat. Lp. Ins. BM. XXIX. 798–9 (1864).

3629. Tipha irrorella, Wlsm.

Tipha irrorella, Wlsm., Moore's Lp. Ceyl. III. 517, Pl. 209. 9 (1887)[1]; Swinh. & Cotes, Cat. Moths Ind. 713, No. 4876 (1889)[2].

Type ♀. Mus. Br.

Hab. CEYLON [1–2].

MUS. OXF. Ceylon (*Thwaites*), one specimen. [Wlsm. Det. 67 (1893).]

HYPERPERISSA, Wlsm. gn. n.

(ὑπερπερισσή = exuberant.)

Type. **Sidyma (?) aurantiaca**, Semper.

Antennæ (♂) bipectinate (3). *Labial Palpi*, basal joint porrect; median joint erect, broad, flattened, rising above the base of the antennæ, with a fringe of incurved scales beneath; terminal joint very short, obtuse. *Haustellum* moderate. *Head* and *Thorax* smooth. *Forewings* broadly elongate, the margins straight, widening outwards, apex rounded, termen slightly oblique, tornus rounded. *Neuration*: 12 veins; 2 from near angle of cell; 7 and 8 stalked, 8 to termen. *Hindwings* as broad as the forewings; apex depressed, rounded, termen slightly sinuate. *Neuration*: 8 veins; 3 and 4 separate; 6 and 7 stalked; 8 from base, connected with radius by a cross-vein beyond half the length of the cell. *Abdomen* smooth. *Legs* smooth, spurs stout, moderately long. [Wlsm.]

3630. Hyperperissa aurantiaca, Smpr.

Sidyma (?) aurantiaca, Smpr., Schm. Philip. Ins. II. (III) 501, Pl. LIX. 9 (1899)[1].

Type. Mus. Semper.

Hab. PHILIPPINES—Mindanao[1].

MUS. OXF. One specimen, Mindanao (*Semper*, No. 521), Saunders' Coll. [Wlsm. Det. 3740 (1900).]

TORTRICOMORPHA, Feld.

n. synn. = VINZELA, Wkr. = JOBULA, Wkr. = DAVENDRA, Moore.

Type, α. **Tortricomorpha atrosignata**, Feld.

TORTRICOMORPHA, Feld., SB. Kais. Ak. Wiss. Wien (Math.-NW. Classe) XLIII. (1) 34–5 (1861).

Type, β. **Vinzela inaptalis**, Wkr.

= VINZELA, Wkr., Cat. Lp. Ins. BM. XXXIV. 1260–1 (1865).

Type, γ. **Jobula semilinea**, Wkr.

= JOBULA, Wkr., Cat. Lp. Ins. BM. XXXV. 1888–9 (1866).

Type, δ. **Davendra mackwoodii**, Moore.

= DAVENDRA, Moore, Lp. Ceyl. III. 520 (1887).

3631. Tortricomorpha congrualis, Wlsm. sp. n.

[='*congrualis*,' Wkr., MS.]

Antennæ shortly biciliate; brownish grey. *Palpi* recurved to above the vertex; the median joint compactly clothed, brownish grey externally, pale ochreous on the inner side; terminal joint short, slender, smooth

Head and *Thorax* brownish grey; face pale ochreous. *Forewings* elongate, evenly attenuate towards the base, costa and dorsum straight, apex rounded, termen obliquely convex; slaty brown-grey, cilia the same, a small obscure darker spot at the end of the cell. *Exp. al.* 27 mm. *Hindwings* brown-grey, a slight shade darker than the forewings and without the slaty gloss; cilia the same; underside of both wings fuscous, fading to whitish ochreous toward the base. *Abdomen* brownish grey, the three anal segments whitish ochreous; underside whitish ochreous. *Legs* brownish grey.

Type ♂. Mus. Oxf. [Wlsm. Det. 3686 (1900).]

Hab. New Guinea—Dorey (*Wallace*), one specimen. Mus. Oxf.

I can find no description of this species, but have adopted the name placed on it by Walker, whose handwriting is easily recognized.

3632. Tortricomorpha inaptalis, Wkr.

Vinzela inaptalis, Wkr., Cat. Lp. Ins. BM. XXXIV. 1261 (1865)[1].

Type ♂. Mus. Oxf.

Hab. Borneo—Sarawak[1] (*Wallace*), one specimen. Mus. Oxf. [Drnt. Det. 137 (1893).]

The type which was unset when described has been set by me. [Drnt.]

3633. Tortricomorpha diluticiliata, Wlsm. sp. n.

Antennæ greyish brown. *Palpi* erect, reaching above the head; greyish brown, whitish ochreous beneath at the base. *Head* greyish brown above; face whitish ochreous. *Thorax* smoky grey-brown. *Forewings* unicolorous smoky grey-brown, with a slight purplish tinge; the extreme edge of the costa pale stone-grey (not coming over the upper surface of the wing); cilia dirty whitish; underside unicolorous pale greyish brown. *Exp. al.* 17 mm. *Hindwings* brownish, partially transparent between the veins near the base; costa whitish grey, cilia dirty whitish; underside unicolorous pale greyish brown. *Abdomen* brownish; whitish beneath. *Legs* dirty whitish.

Type ♀. (40142) Mus. Wlsm.

Hab. [Assam—Margherita (*Doherty*, 1889). Mus. Wlsm.]

Mus. Oxf. One specimen Sula (*Wallace*)—this appears to be the ♂ of *diluticiliata* and shows a pale patch in the hindwings from the base running along the lower edge of the cell to half the wing-length, corresponding to the upper semi-transparent space in the ♀. [Wlsm. Det. 74 (1893).]

3634. Tortricomorpha semilinea, Wkr.

Jobula semilinea, Wkr., Cat. Lp. Ins. BM. XXXV. 1889 (1866)[1].

Type ♂. Mus. Oxf.

Hab. Sula[1] (*Wallace*), one specimen. Mus. Oxf. [Drnt. Det. 215 (1893).]

3635. Tortricomorpha obliquefasciata, Wlsm. sp. n.

Antennæ scarcely ciliate, basal joint slightly enlarged; whitish ochreous.

Palpi recurved to the top of the head, terminal joint not more than half the length of the median, which is smooth and tolerably stout; whitish ochreous. *Head* and *Thorax* smooth, whitish ochreous; the latter whitish beneath. *Forewings* widening outwards; whitish ochreous at the base, tending to bright ochreous across the middle of the wing, with a slight greyish shade on the extreme base of the dorsum; from the middle of the costa to beyond the middle of the dorsum runs a shining purplish line, or narrow fascia, abruptly terminating the bright ochreous ground-colour which precedes it; beyond it the terminal portion of the wing is uniformly shaded with smoky grey, except along the extreme costa, which is bright ochreous and the extreme termen, which is narrowly blackish; cilia reddish grey; underside uniformly brownish fuscous. *Exp. al.* 23 mm. *Hindwings* brownish fuscous, paler towards the costa; cilia whitish grey, with a narrow shade-line along their base; underside brownish fuscous, a pale patch along the upper half of the cell. *Abdomen* pale brownish fuscous; whitish beneath. *Legs* whitish.

Type ♀. Mus. Wlsm.

Hab. [SINGAPORE (Mus. Wlsm.).]

MUS. OXF. Two specimens, without locality. [Wlsm. Det. 72–3 (1893).]

3636. Tortricomorpha mackwoodii, Moore.

Davendra mackwoodii, Moore, Lp. Ceyl. III. 520–1, Pl. 211. 13 (1887)[1]; Swinh. & Cotes, Cat. Moths Ind. 714, No. 4882 (1889)[2].

Type ♂ ♀. Mus. Br.

Hab. CEYLON[1, 2].

MUS. OXF. One specimen CEYLON (*Thwaites*, 1873), probably from Peradeniya. [Drnt. Det. 61 (1893).]

CRYPTOPHAGA, M'Leay.

† CRYPTOPHASA, M'Leay. (‡ CRYPTOPHAGA, Meyr.). = NYCTEROBIA (M'Leay), Kby. = NYCTEROBIUS (M'Leay), Spence. = ZITUA, Wkr. = PILOSTIBES, Meyr.

Type, α. **Cryptophaga albicosta**, M'Leay (Scott, 1864).

BOMBYX, CRYPTOPHASA, [M'Leay], Lewin's Prodr. Ent. NH. Lp. Ins. NSW. 11 (1805). NYCTEROBIA, [Kby.], Kby. and Spence, Intr. Ent. (1 edn.) I. 299 (1815): (2 edn.) I. 306 (1816). NYCTEROBIUS, [Spence], Kby. and Spence, Intr. Ent. (1 edn.) I. 388, 451–2 (1815): (2 edn.) I. 392–3, 456–7 (1816). BOMBYX, CRYPTOPHASA, [M'Leay], Lewin's NH. Lp. Ins. NSW. 11 (1822); Thon's Ent. Archiv, I. 35 (1827). [Duncan, Jardine's Nat. Lib. Ent. VII. 117 (1841).] NYCTEROBIUS, M'Leay, Freeman's Life of Kirby, 227 (1852). CRYPTOPHASA, Z., Lin. Ent. IX. 350 (1854); Wkr., Cat. Lp. Ins. BM. XXIX. 708 (1864); Scott, Transf. Austral.

Lp. I. 7–8 (1864). **CRYPTOPHAGA**, Meyr., Tr. Roy. Soc. S. Austral. XIII. 27–8, No. 3 (1890). **CRYPTOPHASA**, W. F. Kby., Lloyd's NH.—HB. Lp. V. 303 (1897). **CRYPTOPHAGA**, Trnr., Ann. Queensl. Mus., No. IV. 5 (1897).

[NB. M'Leay, *i. l.* to Kirby, 20. II. 1805, states that he has 'been describing eighteen Botany Bay Lepidopterous insects, which are about to be published by Lewin, with all their changes and natural history', *vide* Freeman's Life of Kirby, 227 (1852) and Westw., Pr. Ent. Soc. Lond. (n. s.) II. 55 (1853). *Cryptophaga* is referred to under the name *Nycterobius*. On the strength of this letter the *Lepidoptera* in Lewin should be attributed to M'Leay.]

Type, β. **Zitua balteata**, Wkr.

= **ZITUA**, Wkr., Cat. Lp. Ins. BM. XXXV. 1841 (1866).

Type, γ. **Pilostibes enchidias**, Meyr.

= **PILOSTIBES**, Meyr., Tr. Roy. Soc. S. Austral. XIII. 24, 26, No. 2 (1890); Trnr., Ann. Queensl. Mus., No. IV. 5 (1897).

3637. Cryptophaga albicosta, M'Leay.

Cryptophasa albacosta, [M'Leay], Lewin's Prodr. Ent. NH. Lp. Ins. NSW. 12, Pl. XI. 1–5 (1805)[1]: NH. Lp. Ins. NSW. 12, Pl. XI. 1–5 (1822)[2]; Thon's Ent. Archiv, I. 36, Pl. III. 2 *a–d* (1827)[3]; Z., Lin. Ent. IX. 350–1 (1854)[4]. *Cryptophasa albocosta*, Scott, Transf. Austral. Lp. I. 8–9, Pl. III. (1864)[5]. *Cryptophasa albacosta*, Wkr., Cat. Lp. Ins. BM. XXIX. 708 (1864)[6]. *Cryptophaga albicosta*, Meyr., Tr. Roy. Soc. S. Austral. XIII. 33–4, No. 11 (1890)[7]; Trnr., Ann. Queensl. Mus., No. IV. 7, No. 3 (1897)[8].

Type ♂ ♀. Mus. [—?—].

Larva in *Banksia serrata*[1–5, 7]. *Ceratopetalum gummiferum*[7] *Callicoma serratifolia*[7] IX–XII[5, 7], I[1–3]. *Pupa* I[5]. *Imago* XI–XII[7], II[1–5].

Hab. AUSTRALIA[4, 6]. QUEENSLAND—Moreton Bay[6], Duaringa[8]. N. S. WALES[1–5]—Newcastle[7], Sydney[7]. VICTORIA—Melbourne[7]. TASMANIA—George's Bay[7].

MUS. OXF. One specimen without locality, probably N. S. Wales. [Drnt. Det. 106 (1893).]

3638. Cryptophaga irrorata, M'Leay.

Cryptophasa irrorata, [M'Leay], Lewin's Prodr. Ent. NH. Lp. Ins. NSW. 11, Pl. X. 1–5 (1805)[1]: NH. Lp. Ins. NSW. 11, Pl. X. 1–5 (1822)[2]; Thon's Ent. Archiv, I. 35–6, Pl. III. 1 *a–d* (1827)[3]; [Duncan, Jardine's Nat. Libr. Ent. VII. 117 (1841)[4]]; Z., Lin. Ent. IX. 352, No. 2 (1854)[5]; Wkr., Cat. Lp. Ins. BM. XXIX. 708–9 (1864)[6]. *Cryptophaga irrorata*, Meyr., Tr. Roy. Soc. S. Austral. XIII. 34–5, No. 12 (1890)[7]; Lwr., Tr. Roy. Soc. S. Austral. XV. 16 (1892)[8]; Trnr., Ann. Queensl. Mus., No. IV. 7, No. 2 (1897)[9]. *Cryptophasa irrorata*, W. F. Kby., Lloyd's NH.—HB. Lp. V. 303–4, Pl. CLVII. 1–5 (1897)[10].

Type ♂ ♀. Mus. [—?—].

Larva in *Casuarina*[1–3, 5, 9–10], *C. suberosa*[7], *quadrivalvis*[8] XI[7], I[1–3]. *Imago* XII[7], II[1–3, 5, 10].

Hab. AUSTRALIA[6, 10]. QUEENSLAND—Brisbane[9]. N. S. WALES—Newcastle[7], Sydney[7]. VICTORIA—Melbourne[7], Warragul[7]. TASMANIA[6]. S. AUSTRALIA—Reedbeds[8].

MUS. OXF. One specimen ex Kirby Coll. without locality, probably N. S. Wales. [Drnt. Det. 107 (1893).]

3639. Cryptophaga pultenææ, M'Leay.

Cryptophasa pultenæ, [M'Leay], Lewin's Prodr. Ent. NH. Lp. Ins. NSW. 14, Pl. XIII. 1–5 (1805)[1]: NH. Lp. Ins. NSW. 14, Pl. XIII. 1–5 (1822)[2]. *Cryptophasa pultenææ*, Thon's Ent. Archiv, I. 36, Pl. III. 4 *a–d* (1827)[3]; Z., Lin. Ent. IX. 352–3, No. 4 (1854)[4]; Wkr., Cat. Lp. Ins. BM. XXIX. 709 (1864)[5]. *Cryptophaga pultenææ*, Meyr., Tr. Roy. Soc. S. Austral. XIII. 38–9, No. 24 (1890)[6]; Trnr., Ann. Queensl. Mus., No. IV. 10, No. 18 (1897)[7].

Type ♂ ♀. Mus. [—?—].

Larva in *Pultenæa villosa*[1–4, 6–7]. *Eugenia myrtifolia*[7], *smithii*[7] II[1–3]. *Imago* XII–II[6], III[1–4].

Hab. AUSTRALIA[5]. QUEENSLAND — Moreton Bay[5], Brisbane[7]. N. S. WALES—Sydney[5–6], Newcastle[6].

MUS. OXF. One specimen 'New Holland', probably N. S. Wales. [Drnt. Det. 108 (1893).]

MAROGA, Wkr.

MAROGA, Wkr., Cat. Lp. Ins. BM. XXIX. 827 (1864); Meyr., Tr. Roy. Soc. S. Austral. XIII. 39 (1890); Trnr., Ann. Queensl. Mus., No. IV. 10, No. 8 (1897).

[H. Edw., Ins. Life III. 386 (1891), wrongly quotes this genus as '*Morgia*.']

3640. Maroga unipunctana, Don.

n. syn. = **melanostigma**, Wlgrn.; = **gigantella**, Wkr.[5]

Tortrix unipunctana, Don., Gen. Ill. Ins. I. p. (. .) Pl. (. .) f. * (1805)[1]. *Cryptophasa melanostigma*, Wlgrn., Svensk. Fregatt. Eugenies Resa Zool. Ins. 387 (1861)[2]. *Conchylis unipunctana*, Wkr., Cat. Lp. Ins. BM. XXVIII. 369 (1863)[3]. *Maroga gigantella*, Wkr., Cat. Lp. Ins. BM. XXIX. 827 (1864)[4]. *Maroga unipunctana*, Meyr., Tr. Roy. Soc. S. Austral. XIII. 40, No. 26 (1890)[5]. *Cryptophasa unipunctana*, H. Edw., Ins. Life III. 384–6, fig. 30 *a–e* (1891)[6]. *Maroga unipunctana*, Trnr., Ann. Queensl. Mus. No. IV. 22, No. 63 (1897)[7].

Types ♂ ♀. *unipunctana*, Don. (Francillon Coll.), Mus. [OXF. ?]; *melanostigma*, Wlgrn., Mus. [—?—]; *gigantella*, Wkr., ♂ ♀ Mus. Br.

Larva in *Acacia spp.*[6], *A. decurrens*[5, 6], *longifolia*[5]. *Jacksonia scoparia*[7]. *Casuarina sp.*[7] *Cassia sp.*[7], etc.[7] Fruit-trees[6], IX[5]. *Imago* X[2, 5], XI[5], XII[5].

Hab. AUSTRALIA. QUEENSLAND—Brisbane[5, 7], Duaringa[5]. N. S. WALES—Newcastle[5], Sydney[2, 3, 5]. VICTORIA—Melbourne[5, 6]. TASMANIA[4]. S. AUSTRALIA—Mt. Lofty[5]. W. AUSTRALIA—Geraldton[5].

MUS. OXF. One specimen New Holland, probably N. S. Wales; one specimen King George's Sound (W. Australia).

[If No. 110 or any other specimen can be proved to have come from Francillon's Collection, this should be Donovan's type of *unipunctana*. Drnt. Det. 109–110 (1893).]

BIRTHANA, Wkr.

Type. **Birthana consocia**, Wkr.

BIRTHANA, Wkr., Cat. Lp. Ins. BM. XXXI. 145 (1864).

Antennæ (♂) strongly biciliate (2). *Labial Palpi* slightly clothed beneath; porrect to a little beyond the front, ascending. *Haustellum* present. *Head* and *Thorax* smooth. *Forewings* broad, narrowed towards the base; costa raised at the base, moderately straight beyond, apex obtusely rounded, termen convex, oblique. *Neuration*: 12 veins; 2 from near angle of cell; 5 nearer to 6 than to 4; 7 and 8 stalked, 8 to termen. *Hindwings* scarcely as broad as the forewings, apex rounded, termen convex. *Neuration*: 8 veins; 3 and 4 separate; 6 and 7 stalked; 8 from base, but closely approximating radius for about half the length of the cell, 1^a, 1^b, 1^c all present. *Abdomen* smooth, slender. *Legs* smooth, spurs moderately long. [Wlsm.]

3641. Birthana consocia, Wkr.

Birthana consocia, Wkr., Cat. Lp. Ins. BM. XXXI. 145 (1864)[1].

Antennæ ochreous, shaded with brown. *Palpi* brown. *Head* and *Thorax* brownish fuscous. *Forewings* brownish fuscous, with a slight purplish tinge, a broad pale ochreous band crossing them obliquely beyond the middle, this is slightly bowed outwards and slightly attenuated at its extremities on the costa and dorsum; a slender dark steel-grey line along the termen at the base of the brownish fuscous cilia: the fascia is distinct on the underside. *Exp. al.* 30 mm. *Hindwings* dark tawny fuscous, cilia scarcely paler. *Abdomen* tawny fuscous. *Legs* paler, brownish fuscous.

Type ♂. (Coll. Saunders) MUS. OXF. [Wlsm. Det. 3743 (1900).]

Hab. MYSOL[1] (*Wallace*), one specimen. MUS. OXF.

My measurement seems to show that Mr. Walker's compasses were a little loose at the joints, his apparatus having been known to be somewhat primitive. [Wlsm.]

METHYPSA, Btl.

METHYPSA, Btl., Tr. Ent. Soc. Lond. 1875, 324.

3642. Methypsa saturata, Wkr.

Hypsa saturata, Wkr., Cat. Lp. Ins. BM. XXXI. 217 (1864)[1]. *Methypsa saturata*, Btl., Tr. Ent. Soc. Lond. 1875, 324.

Type ♂. Coll. Norris [Mus. Br.?].

Hab. Ignota[1].

MUS. OXF. JAVA. A single ♀ determined by Sir George Hampson. [Drnt. Det. 289 (1893).]

ŒCOPHORIDÆ.

TORTRICOPSIS, Newm.

Type, *α*. **Palparia lambertella, Wing.**

§ PALPARIA, Wing, Pr. Z. Soc. Lond. VII. 105 (1849); Wkr., Cat. Lp. Ins. BM. XXIX. 774 (1864); Meyr., Pr. Lin. Soc. NSW. VII. 419, 426–7, No. 1 (1883).

[This name is inadmissible, being homonymous with *Palparia*, Hw. (Lep. 1812). Meyrick has united *Palparia*, Wing and *Tortricopsis*, Newm.; the latter name is therefore employed here for *Palparia*, Meyr. It is probable that further study may justify the separation of *Tortricopsis*, Newm., in which case the n. n. **WINGIA** is proposed for § *Palparia*, Wing.]

Type, *β*. **Cryptolechia uncinella, Z.**

TORTRICOPSIS, Newm., Tr. Ent. Soc. Lond. (n. s.) III. 293 (1856); Wkr., Cat. Lp. Ins. BM. XXIX. 776 (1864).

3643. Tortricopsis uncinella, Z.

= **rosabella, Newm.**[6]

Cryptolechia uncinella, Z., Lin. Ent. IX. 355-6 (1854)[1]: X. 146–7, Pl. I. 1 (1855)[2]. *Tortricopsis rosabella*, Newm., Tr. Ent. Soc. Lond. (n. s.) III. 293–4, Pl. XVIII. 8 (1856)[3]. *Cryptolechia uncinella*, Wkr., Cat. Lp. Ins. BM. XXIX. 748 (1864)[4]. *Tortricopsis rosabella*, Wkr., Cat. Lp. Ins. BM. XXIX. 776 (1864)[5]. *Cryptolechia* (*Machimia*) *uncinella*, Z., Hor. Soc. Ent. Ross. XIII. 259 (1877)[6]. *Palparia uncinella*, Meyr., Pr. Lin. Soc. NSW. VII. 437–8, No. 10 (1883)[7]: (2 s.) III. 1681, No. 10 (1889)[8]; Trnr., Tr. Roy. Soc. S. Austral. XVIII. 133 (1894)[9].

Types ♂. *uncinella*, Z., ♂, Mus. Wlsm.; *rosabella*, Newm. Mus. [—?—].

Larva. *Eucalyptus* sp.[8] *Imago* IX–I[8].

Hab. AUSTRALIA[1]. QUEENSLAND—Brisbane[9]. N. S. WALES—Sydney[7], Glen Innes (3,500 ft.)[8], Mt. Kosciusko (4,300 ft.)[8]. VICTORIA—Melbourne[8, 7]. TASMANIA—Launceston[7], George's Bay[8], Deloraine[8], Hobart[8]. S. AUSTRALIA—Mt. Lofty[8], Port Lincoln[8].

MUS. OXF. Van Diemen's Land (*Ewing*), one specimen. [Drnt. Det. 121 (1893).]

ZONOPETALA, Meyr.

ZONOPETALA, Meyr., Pr. Lin. Soc. NSW. VII. 421, 459–60, No. 7 (1883).

3644. Zonopetala clerota, Meyr.

Zonopetala clerota, Meyr., Pr. Lin. Soc. NSW. VII. 461–2, No. 29 (1883)[1]: (2 s.) III. 1682, No. 29 (1889)[2]; Trnr., Tr. Roy. Soc. S. Austral. XVIII. 138 (1894)[3].

Type ♂ ♀. Mus. Meyr.

Imago. IX-XI [1], XII [2]; III [2].

Hab. AUSTRALIA. QUEENSLAND—Brisbane [1, 3]. N. S. WALES—Sydney [1], Glen Innes (3,500 ft.) [2]. VICTORIA—Fernshaw [2].

MUS. OXF. W. AUSTRALIA—King George's Sound, one specimen. [Drnt. Det. 122 (1893).]

EURYPLACA, Meyr.

EURYPLACA, Meyr., Pr. Lin. Soc. NSW. 422, 487–8, No. 10 (1883).

3645. Euryplaca ocellifera, Meyr.

Euryplaca ocellifera, Meyr., Pr. Lin. Soc. NSW. VII. 488–9, No. 51 (1883) [1]: (2 s.) III. 1683, No. 51 (1889) [2]; Trnr., Tr. Roy. Soc. S. Austral. XX. 6 (1896) [3].

Type ♂. Mus. Meyr.

Imago. X–I [1].

Hab. AUSTRALIA. QUEENSLAND—Brisbane [3]. N. S. WALES—Sydney [1], Glen Innes (3,500 ft.) [2]. TASMANIA—Hobart [1].

MUS. OXF. Van Diemen's Land (Burchell Coll.), one specimen. [Drnt. Det. 91 (1893).]

TISOBARICA, Wkr.

n. syn. = **HIEROPOLA**, Meyr. = **HOPLITICA**, Meyr.

Type, *α*. **Tisobarica jucundella**, Wkr. (Wkr. 1864).

TISOBARICA, Wkr., Cat. Lp. Ins. BM. XXIX. 812–3 (1864). = **HIEROPOLA**, Meyr., Pr. Lin. Soc. NSW. VII. 424 (1883): VIII. 363–4, No. 30 (1883): (2 s.) III. 1595 (1889).

Type, *β*. **Cryptolechia carnea**, Z.

HOPLITICA, Meyr., Pr. Lin. Soc. NSW. VII. 424, 493–4, No. 14 (1883). **HOPLITICA** (= **HIEROPOLA**), Meyr., Pr. Lin. Soc. NSW. (2 s.) III. 1595 (1889).

3646. Tisobarica carnea, Z.

Cryptolechia carnea, Z., Lin. Ent. X. 148–50 (1855) [1]; Wkr., Cat. Lp. Ins. BM. XXIX. 748 (1864) [2]. *Cryptolechia* (*Machimia*) *carnea*, Z., Hor. Soc. Ent. Ross. XIII. 259, No. 14, 263, No. 3 (1877) [3]. *Hoplitica carnea*, Meyr., Pr. Lin. Soc. NSW. VII. 498–9, No. 60 (1883) [4]: (2 s.) III. 1683, No. 60 (1889) [5]; Trnr., Tr. Roy. Soc. S. Austral. XX. 6 (1896) [6].

Type ♂. Mus. Berol.

Imago. III [4].

Hab. AUSTRALIA [1–2]. QUEENSLAND—Moreton Bay [2], Brisbane [6], Duaringa [4]. N. S. WALES—Bathurst (2,500 ft.) [5], Mittagong [4], Sydney [2, 4]. VICTORIA [3]. TASMANIA [2].

MUS. OXF. New Holland (probably = N. S. Wales), two specimens. [Drnt. Det. 133–134 (1893).]

3647. Tisobarica pudica, Z.

Cryptolechia pudica, Z., Lin. Ent. X. 152–3 (1855)[1]; Wkr., Cat. Lp. Ins. BM. XXIX. 749 (1864)[2]. *Cryptolechia (Machimia) pudica*, Z., Hor. Soc. Ent. Ross. XIII. 259, No. 17 (1877)[3]. *Hoplitica pudica*, Meyr., Pr. Lin. Soc. NSW. VII. 500–1, No. 62 (1883)[4]: (2 s.) III. 1683, No. 62 (1889)[5]; Trnr., Tr. Roy. Soc. S. Austral. XX. 6 (1896)[6].

Type ♀. Mus. Berol.

Imago. XI[4], XII[5], I–III[4].

Hab. AUSTRALIA[1–2]. QUEENSLAND—Brisbane[4,6]. N. S. WALES—Blackheath (3,500 ft.)[5], Glen Innes (3,500 ft.)[5], Sydney[4]. S. AUSTRALIA—Mt. Lofty[4].

MUS. OXF. No locality. 'Kirby' (probably N. S. Wales), one specimen. [Drnt. Det. 123 (1893).]

3648. Tisobarica cœnosa, Meyr.

Hoplitica cœnosa, Meyr., Pr. Lin. Soc. NSW. VII. 506–7, No. 67 (1883)[1].

Type ♀. Mus. Meyr.

Imago. III[1].

Hab. AUSTRALIA. N. S. WALES—Blackheath (3,500 ft.)[1].

MUS. OXF. TASMANIA—Van Diemen's Land (*Ewing*), two specimens. [Drnt. Det. 131–132 (1893).]

PHILOBOTA, Meyr.

PHILOBOTA, Meyr., Pr. Lin. Soc. NSW. VII. 422 (1883): VIII. 469–73 (1884).

3649. Philobota arabella, Newm.

Œcophora arabella, Newm., Tr. Ent. Soc. Lond. (n. s.) III. 296, Pl. XVIII. 4 (1856)[1]; Wkr., Cat. Lp. Ins. BM. XXIX. 676 (1864)[2]; *Philobota arabella*, Meyr., Pr. Lin. Soc. NSW. VIII. 473–4, No. 177 (1884)[3]: (2 s.) III. 1629, 1685, No. 177 (1889)[4]; Trnr., Pr. Roy. Soc. S. Austral. XX. 33 (1896)[5].

Type. Mus. [—?—].

Imago. IX–XI[3].

Hab. AUSTRALIA[2]. N S. WALES—Armidale (3,500 ft.)[5], Blackheath (2,300 ft.)[4], (3,500 ft.)[3], Sydney[3]. VICTORIA—Melbourne[1,3]. S. AUSTRALIA—Mt. Lofty[3].

MUS. OXF. Adelaide (S. Australia), one specimen. [Drnt. Det. 129 (1893).]

3650. Philobota chrysopotoma.

Philobota chrysopotoma, Meyr., Pr. Lin. Soc. NSW. VIII. 476, No. 181 (1884)[1]: (2 s.) III. 1631, 1685, No. 181 (1889)[2]; Trnr., Pr. Roy. Soc. S. Austral. XX. 34 (1896)[3].

Type ♂ ♀. Mus. Meyr.

Imago. VIII–X[1].

Hab. AUSTRALIA. N. S. WALES—Armidale (3,500 ft.)[3], Parramatta[1], Bathurst (2,300 ft.)[2]. VICTORIA—Melbourne[1].

MUS. OXF. No locality. 'Kirby' (probably N. S. Wales), one specimen. [Drnt. Det. 128 (1893).]

3651. Philobota herodiella, F. & R.

Symmoca (?) herodiella, F. & R., Reise Nov. Lp. V. Pl. 140. 31 (1875)[1]. *Philobota herodiella*, Meyr., Pr. Lin. Soc. NSW. VII. 489, No. 202 (1884)[2]: (2 s.) III. 1635, 1686, No. 202 (1889)[3].

Type ♀. Mus. Tring.

Hab. AUSTRALIA. N. S. WALES—Blackheath (3,500 ft.)[2], Mt. Kosciusko (4,300 ft.)[3]. VICTORIA—Fernshaw[2], Melbourne. S. AUSTRALIA—Mt. Lofty[2].

MUS. OXF. One specimen 'N. H.' (probably N. S. Wales). [Drnt. Det. 130 (1893).]

3652. Philobota pruinosa, Meyr.

Philobota pruinosa, Meyr., Pr. Lin. Soc. NSW. VIII. 495–6, No. 212 (1884)[1]: (2 s.) III. 1634 (1889)[2]; Trnr., Pr. Roy. Soc. S. Austral. XX. 23, 34 (1896)[3].

Type ♂ ♀. Mus. Meyr.

Imago. IX–X[1].

Hab. AUSTRALIA. QUEENSLAND—Brisbane[1,3]. N. S. WALES—Sydney[1], Armidale (3,500 ft.)[3].

MUS. OXF. TASMANIA—Van Diemen's Land (*Ewing*), one specimen. [Drnt. Det. 127 (1893).]

3653. Philobota fascialis, F.

=bimaculana, Don.[17]; =†**bimaculella**, Newm.[17]

Phalæna fascialis, F., Syst. Ent. 644, No. 128 (1775)[1]. *Phalæna* (*Pyralis*) *fascialis*, Goeze, Ent. Btr. (L. S. N. XII.) III. (4) 64, No. 6 (1783)[2]. *Phalæna fascialis*, F., Mant. Ins. II. 221, No. 306 (1787)[3]: Sp. Ins. II. 274, No. 190 (1791)[4]. *Pyralis fascialis*, Jung, Alph. Verz. Schm. 213 (1791)[5]. *Phalæna* (*Pyralis*) *fascialis*, Gmel., L. Syst. Nat. (XIII.) I. (5) 2524, No. 943 (1788–93)[6]. *Phalæna fascialis*, F., Ent. Syst. III. (2) 235, No. 401 (1794)[7]; Weber, Nomencl. Ent. Syst. Fabr. 136 (1795)[8]; [*anon.*] Nomencl. Ent. Fabr. *sig.* 'W W' [=46] (1797)[9]; [Brgstr.] Epit. Ent. Fabr. 165 (1797)[10]. *Phalæna* (*Geometra*) *fascialis*, Trtn., Syst. Nat. III. 281 (1802)[11]. *Tortrix bimaculana*, Don., Gen. Ill. Ins. I., Pl. XL. f. *$_*$ (1805)[12]. *Œcophora bimaculella*, Newm., Tr. Ent. Soc. Lond. (n. s.) III. 295 (1856)[13]. *Œcophora bimaculana*, Wkr., Cat. Lp. Ins. BM. XXIX. 675 (1864)[14]; F. & R., Reise Nov. Lp. V. Pl. 138. 48 (1875)[15]. *Philobota bimaculana*, Meyr., Pr. Lin. Soc. NSW. VIII. 506, No. 230 (1884)[16]. *Philobota fascialis*, Rsnstk., Ann. and Mag. NH. (5 s.) XVI. 442 (1885)[17]; Meyr., Pr. Lin. Soc. NSW. (2 s.) III. 1632, 1687, No. 230 (1889)[18]; Trnr., Tr. Roy. Soc. S. Austral. XX. 23 (1896)[19].

Types. fascialis, F. (Coll. Banks.[1]) Mus. Br.[17]; *bimaculana*, Don. (Francillon Coll.) Mus. [OXF. ?].

Hab. NEW GUINEA[16]. AUSTRALIA[1–11, 14–15]. QUEENSLAND—Brisbane[16, 19], Duaringa[16], Moreton Bay[14]. N. S. WALES—Bathurst, (2,400 ft.)[18], Blackheath (3,500 ft.)[16], Newcastle[16], Shoalhaven[16], Sydney[14, 16]. VICTORIA[13]. TASMANIA[15]. S. AUSTRALIA—Kangaroo Id.[13], Mt. Lofty[16].

MUS. OXF. Three specimens without locality (probably N. S. Wales) received from Kirby. If any specimen in the Museum can be proved to

have come from Francillon's Collection this would probably be the type of *bimaculana*, Don. [Drnt. Det. 124–126 (1893).]

BORKHAUSENIA, Hb.

BORKHAUSENIA, Hb., Verz. bek. Schm. 420 (1826); Wlsm. & Drnt., Ent. Mo. Mag. XXXIV. 34–5 (1898). = *ŒCOPHORA, Auct. (nec Ltr.). = *ACOMPSIA, Meyr. (nec Hb.).

3654. Borkhausenia pseudospretella, Stn.

Œcophora pseudospretella, Stn., Syst. Cat. Br. Tin.-Pter. 14 (1849) &c. &c.; Stgr. & Wk., Cat. Lp. Eur. 307, No. 2265 (1871); Meyr., Pr. Lin. Soc. NSW. X. 782, No. 435 (1886). *Acompsia pseudospretella*, Meyr., HB. Br. Lp. 637 (1895).

Type. (Stn. Coll.) Mus. Br.

Hab. EUROPE, N. AMERICA, AUSTRALIA; NEW ZEALAND.

MUS. OXF. One specimen, TASMANIA—Van Diemen's Land (*Ewing*). [Drnt. Det. 120 (1893).]

MACROBATHRA, Meyr.

MACROBATHRA, Meyr., Pr. Lin. Soc. NSW. VII. 425 (1883): X. 799–802, No. 69 (1886).

3655. Macrobathra chrysotoxa, Meyr.

Macrobathra chrysotoxa, Meyr., Pr. Lin. Soc. NSW. X. 804, No. 480 (1886)[1]; Trnr., Tr. Roy. Soc. S. Austral. XX. 32 (1896).

Type ♂ ♀. Mus. Meyr.

Larva. *Acacia decurrens*[1]. *Imago* IX–IV[1].

Hab. AUSTRALIA. QUEENSLAND—Brisbane[1–2], Toowoomba (2,000 ft.)[1]. N. S. WALES—Newcastle[1], Sydney[1]. VICTORIA—Warragul[1]. TASMANIA—Hobart[1], Launceston[1].

MUS. OXF. Van Diemen's Land (*Ewing*), two specimens. [Drnt. Det. 115–116 (1893).]

3656. Macrobathra alternatella, Wkr.

Gelechia alternatella, Wkr., Cat. Lp. Ins. BM. XXIX. 644 (1864)[1]. *Macrobathra alternatella*, Meyr., Pr. Lin. Soc. NSW. X. 812–3, No. 492 (1886)[2]: (2 s.) III. 1690, No. 492 (1889)[3]; Trnr., Tr. Roy. Soc. S. Austral. XX. 32 (1896)[4].

Type ♂ ♀. Mus. Meyr.

Larva. *Platylobium formosum*[2], *Bossiæa*[2], V[2]; VIII[2]. *Imago* VIII–XI[2]; II–IV[2].

Hab. AUSTRALIA. QUEENSLAND—Brisbane[2,4], Moreton Bay[1]. N. S. WALES—Orange (3,000 ft.)[2], Sydney[2]. S. AUSTRALIA—Mt. Lofty[2]. W. AUSTRALIA—Perth[3], York[3].

MUS. OXF. One specimen, King George's Sound (W. Australia). [Drnt. Det. 118 (1893).]

ELACHISTIDÆ.

STATHMOPODA, Stn.

STATHMOPODA, Stn., Ins. Br. Lp. Tin. 227–8, Pl. VII. 3 *a–d* (1854).

3657. Stathmopoda melanochra, Meyr.

Stathmopoda melanochra, Meyr., Pr. Lin. Soc. NSW. XXII. 317, 321–2, No. 43 (1897)[1].

Type ♂ ♀. Mus. Meyr.

Imago. V–II[1].

Hab. AUSTRALIA. N. S. WALES—Bathurst[1], Blackheath (3,500 ft.)[1], Glen Innes (3,500 ft.)[1], Sydney[1]. VICTORIA—Casterton[1], Melbourne[1]. TASMANIA—Campbelltown[1], Deloraine[1], Hobart[1], Launceston[1]. S. AUSTRALIA—Mt. Gambier[1], Mt. Lofty (2,000 ft.)[1], Victor Harbour[1].

MUS. OXF. One specimen, Van Diemen's Land (*Ewing*). [Drnt. Det. 114 (1893).]

ERETMOCERA, Z.

ERETMOCERA, Z., Hndl. Kngl. Svensk. Vet. Ak. 1852, 96; Wlsm., Tr. Ent. Soc. Lond. 1889, 24, 26, 38. = STAINTONIA, Stgr., Stett. Ent. Ztg. XX. 250 (1859). = EXODOMORPHA, Wkr., Cat. Lp. Ins. BM. XXIX. 833 (1864). = CASTORURA, Meyr., Pr. Lin. Soc. NSW. (2 s.) I. 1047 (1887)

3658. Eretmocera impactella, Wkr.

Gelechia impactella, Wkr., Cat. Lp. Ins. BM. XXIX. 637 (1864)[1]. *Eretmocera impactella*, Moore, Lp. Ceyl. III. 514, Pl. 209, 10 (1887)[2]; Wlsm., Tr. Ent. Soc. Lond. 1889, 34–5, 39, Pl. VI. 18[3]; Swinh. & Cotes, Cat. Moths Ind. 722, No. 4939 (1889)[4].

Type ♂. Mus. Br.

Hab. INDIA—N. India[1, 4], Dharmsala[2, 3], Barrackpore[3]. CEYLON[2–4]. SINGAPORE[3].

MUS. OXF. Two specimens, Barrackpore, 27, IV (*Minchin*). [Wlsm. Det. 41–42 (1893).]

ENDROSIS, Hb.

ENDROSIS, Hb., Verz. bek. Schm. 401 (1826).

3659. Endrosis lacteella, Schiff.

Tinea lactella, Schiff., Syst. Verz. Schm. Wien. 139, No. 37 (1776). *Endrosis lacteella*, Stgr. & Wk., Cat. Lp. Eur. 323, No. 2703 (1871), &c. &c.

Hab. EUROPE, ASIA MINOR, INDIA, N. AMERICA, AUSTRALIA, N. ZEALAND, HAWAIIA.

MUS. OXF. One specimen, Van Diemen's Land (*Ewing*). [Drnt. Det. 119 (1893).]

HYPONOMEUTIDÆ.

ATTEVA, Wkr.

ATTEVA, Wkr., Cat. Lp. Ins. BM. II. 526 (1854); Berg, An. Soc. Ci. Argent. X. 99–100 (1880); Wlsm., Pr. Z. Soc. Lond. 1897, 112. = § PŒCILOPTERA, Clem., Pr. Ac. Nat. Sc. Phil. XII. 546–7 (1860). = AMBLOTHRIDIA, Wlgrn., Resa Eugen. Zool. Ins. 385 (1861). = CORINEA, Wkr., Cat. Lp. Ins. BM. XXVIII. 542 (1863). = ŒTA, Grt., Pr. Ent. Soc. Phil. V. 230–1 (1865). = SCINTILLA, Gn., Ann. Soc. Ent. Fr. XLVIII. (5 s.), IX. 287 (1879). = SYBLIS, Gn., Ann. Soc. Ent. Fr. XLVIII. (5 s.), IX. 288–9 (1879).

3660. Atteva niveigutta, Wkr.

= * fabriciella, Wlgrn. (nec Swed.); † niveiguttata, Z.

Atteva niveigutta, Wkr., Cat. Lp. Ins. BM. II. 526–7 (1854)[1]. *Amblothridia fabriciella*, Wlgrn., Resa Eugen. Zool. Ins. 385, Pl. VII. 5 (1861)[2]. *Atteva niveigutta*, Moore, Pr. Z. Soc. Lond. 1867, 669 (1867)[3]. *Atteva niveiguttata*, Z., Verh. ZB. Ges. Wien. XXIII. (1873), Abh. 231 (1873)[4]; Berg, An. Soc. Ci. Argent. X. 103 (1880)[5]. *Atteva fabriciella*, Berg, An. Soc. Ci. Argent. X. 103 (1880)[6]. *Atteva niveigutta*, Swinh. & Cotes, Cat. Moths Ind. 718, No. 4915 (1889)[7].

Type ♀. Mus. Br.

Larva. *Ailanthus excelsus*[3]. *Imago* (China) XII[2].

Hab. INDIA—Silhet[1, 4, 7], Bengal[3]. CHINA[2, 6].

MUS. OXF. One specimen, Upper India (*Drinkwater*, 1889). [Wlsm. Det. 40 (1893).]

Wallengren (l. c. No. 2) figures a specimen from China which is inseparable from *niveigutta*, Wkr., and identifies it with *Phalæna Tinea fabriciella*, Swederus. A careful study of the original description of *fabriciella* shows that Swederus had before him not *Atteva niveigutta*, Wkr., but *Corinea niviguttella*, Wkr. The head is described as 'niveum' and the thorax as 'niveus cruce fulva'; both these characters could only be applied to *niviguttella*. The forewings are described as being 'transverse subtilissime striatæ, aureæ, subnitidæ,' &c.; this applies much better to *niviguttella*, Wkr., than to *niveigutta*, Wkr.; the golden brown colour in the latter is so much more extensive, that one would have expected it to be taken as the ground-colour, and to have read that it was varied by numerous white spots. The type is stated to be in 'Mus. D. Lee'—it would be interesting if this old collection could be traced.

[Drnt.]

As Walker described two similar species under almost identical special names. it seems advisable to give the synonymy of *niviguttella*, Wkr. (= *fabriciella*, Swed.), which is not represented in the Oxford Museum collection.

3660 (1). **Atteva fabriciella,** Swed.

n. syn. = **niviguttella,** Wkr.; = †**niveiguttella,** Berg; = †**fabricella** [anon.].

Phalæna Tinea fabriciella, Swed., Kngl. Svensk. Vet. Ak. nya Hndl. VIII. 277, No. 28 (1787)[1]: Kngl. Schwed. Ak. Wiss. n. Abh. VIII. (2) 267, No. 28 (1788)[2]; Gmel., L. Syst. Nat. (XIII.) I. (5), 2608, No. 1533 (1788–93)[2]. *Tinea fabriciella,* F., Ent. Syst. III. (2) 319, No. 140 (1794)[4]; Weber, Nomencl. Ent. Fabr. 142 (1795)[5]; [Brgstr.], Epit. Ent. Fabr. 171 (1797)[6]. *Tinea fabricella,* [anon.], Nomencl. Ent. Fabr. *sig.* 'Y Y' [=p. 48] (1797)[7]. *Tinea fabricella,* F., Sppl. Ent. Syst. 492, No. 65 (1798)[8]. *Phalæna Tinea fabriciella,* Trtn., Syst. Nat. III. 375 (1802)[9]. *Corinea niviguttella,* Wkr., Cat. Lp. Ins. BM. XXVIII. 542–3 (1863)[10]; Z., Hor. Soc. Ent. Ross. XIII. 225 (1877)[11]. *Atteva niviguttella,* Gn., Ann. Soc. Ent. Fr. XLVIII. (5 s.), IX. 290 (1879)[12]. *Atteva niveiguttella,* Berg, An. Soc. Ci. Argent. X. 104–5 (1880)[13]; Wlsm., Pr. Z. Soc. Lond. 1885, 883 (1886)[14]; Swinh. & Cotes, Cat. Moths Ind. 718, No. 4916 (1889)[15].

Types ♂ ♀. *fabriciella,* Swed. (Coll. Lee) Mus. [—?—]; *niviguttella,* Wkr., ♂ ♀ Mus. Br.

Hab. INDIA[1–9, 12–13]. [Hindostan[10] = Coimbatoor (S. India)], N. Hindostan[10], Bombay[14, 15], Nilghiris[15] [Ganjam; Fattehpore. Mus. Wlsm.].

[Walker's specimens: '*c.* CEYLON' = *impariguttata,* Z. (teste Wlsm.); '*d.* JAVA' = *brucea,* Moore (teste Wlsm.); and '*e.* AUSTRALIA' would seem to be a distinct species very closely allied to *fabriciella,* Swed. (teste Wlsm.).]

3661. Atteva conspicua, Wlsm. sp. n.

Antennæ smoky brown, the basal joint white externally. *Palpi* porrect, very slightly recurved; smoky blackish. *Head* black, with a median white streak; face blackish, the eyes margined with white. *Thorax* golden orange; underside golden orange, with two white spots on each side, the space between them smoky brown. *Wings,* the basal half of both fore- and hindwings golden orange, the outer half of the forewings shining purple, the outer half of the hindwings black; on the forewings are from six to ten pure white spots of varying shapes and sizes, also varying somewhat in position; of these the most conspicuous is a round spot just above the middle of the basal orange space; a round or elongate spot, larger than the preceding, scarcely before the middle of the wing at the termination of the orange space; a much larger and more conspicuous spot following it on the middle of the purple space—this spot varies in shape and is sometimes almost quadrate; above and beyond it on the purple space are from four to six smaller spots, three in a longitudinal series half-way between it and the costa, and one or two beyond and below them between it and the apex; cilia steel-grey, darker about the tornus, almost white at the apex; the cilia of the hindwings correspond in colour with the pale basal and dark apical half: underside, corresponding with the upper side in colour, the white spots not showing through; on the forewings a whitish shade extends along the dorsum and the ends of the cilia at the apex of the wings are white. *Exp. al.* 31–33 mm. *Abdomen* golden orange, with some white spots on the posterior somites beneath; anal claspers of the ♂ very long. *Legs* long and naked;

the two anterior pairs smoky brown, with a white spot on the tibiæ before their middle and another at their posterior extremity, where in the second pair is a short single spur; posterior legs much shorter, very slender and aborted in the ♂, without spurs, tibiæ very short, tarsal joints very long, the first tarsal joint almost as long as the tibia, whitish tinged with yellow: ♂ with two short single spurs on the posterior legs, the external spurs obsolete, first tarsal joint scarcely more than half as long as the tibiæ, smoky brown, the femora and tibiæ tinged with yellow.

Type ♂ ♀. Mus. Wlsm.

Hab. [BURU, below 1,000 ft. (*Doherty*), six specimens. Mus. Wlsm.]

MUS. OXF. One specimen, without locality (Coll. Wallace—Higgins, 1871). [Wlsm. Det. 39 (1893).]

Wallengren in describing the genus *Amblothridia* (= *Atteva*) observes the slenderness of the legs but not the difference between those of the ♂ and ♀, nor the partial abortion of these organs.

3662. Atteva subaurata, Drnt. sp. n.

Antennæ metallic fuscous. *Palpi* white, the apex of the median and terminal joints brown. *Head* white. *Thorax* golden, with two white spots posteriorly and one on the tegulæ; patagia white, anteriorly golden. *Forewings* shining bone-whitish, with a golden tinge at the base; apical third of costa, apex and termen golden-orange; cilia the same, their tips bone-ochreous. Underside orange-ochreous. *Exp. al.* 26–28 mm. *Hindwings* thinly scaled, costa bone-whitish, the veins golden-orange and the remaining wing-surface irrorated with the same; cilia golden-orange; underside orange-ochreous. *Abdomen* bone-whitish, the somites edged with (or sometimes entirely suffused with) golden-orange; anal tuft golden-orange; on the underside the somites are edged with whitish. *Legs*, the two anterior pairs smoky brown, with a white spot at the base, another at about the middle, and a third at the extremity of the tibiæ; basal joint of the tarsi white; hind legs bone-whitish.

Type ♂ ♀. Mus. Wlsm.

Hab. [ASSAM—Cherra Punji; Margherita (*Doherty*). SIKKIM, IV. (*Möller*), five specimens. Mus. Wlsm.]

MUS. OXF. One specimen, Cherra Punji. [Drnt. Det. 3687 (1899).]

THE MISCYRA, Wkr.

n. syn. = **CYPTASIA**, Wkr.

Type, *α*. **Themiscyra laetifera**, Wkr.

THEMISCYRA, Wkr., Cat. Lp. Ins. BM. XXXI. 258 (1864); Btl., Tr. Ent. Soc. Lond. 1877, 358: 1886, 383–4.

Type, *β*. **Cyptasia egregiella**, Wkr.

= **CYPTASIA**, Wkr., Cat. Lp. Ins. BM. XXXV. 1836–7 (1866); Btl., Tr. Ent. Soc. Lond. 1877, 358: 1886, 383–4.

Allied to *Mieza*, Wkr., but veins 4 and 5 of the hindwings are stalked, instead of being separate.

3663. Themiscyra lætifera.

Themiscyra lætifera, Wkr., Cat. Lp. Ins. BM. XXXI. 258 (1864)[1]; Btl., Tr. Ent. Soc. Lond. 1877, 358[2]; Meyr., Pr. Lin. Soc. NSW. (2 s.) I. 795–6, No. 161 (1886)[3]: II. 928 (1888)[4].

Type ♀. Mus. Br.

Hab. AUSTRALIA. QUEENSLAND—Moreton Bay[1–2].

MUS. OXF. One specimen, New Holland (*Strange*), proabbly from Queensland. [Drnt. Det. 143 (1893).]

3664. Themiscyra egregiella, Wkr.

[=**Enæmia heliotis**, Meyr., MS.]

Cyptasia egregiella, Wkr., Cat. Lp. Ins. BM. XXXV. 1837 (1866)[1]; Btl., Tr. Ent. Soc. Lond. 1877, 358[2]; Meyr., Pr. Lin. Soc. NSW. (2 s.), I. 796 (1886)[3]: II. 928 (1888)[4].

Type ♂. Mus. Br.

Hab. AUSTRALIA. QUEENSLAND—Moreton Bay[2]. [N. S. WALES (Mus. Wlsm.).] W. AUSTRALIA—Swan River[1].

MUS. OXF. One specimen, Queensland. [Drnt. Det. 144 (1893).]

BUXETA, Wkr.

Type. **Sarbena conflagrans**, Wkr.

§ **SARBENA**, Wkr., Cat. Lp. Ins. BM. XXXI. 256 (1864).= **BUXETA**, Wkr., Cat. Lp. Ins. BM. XXXV. 1982 (1866).

[§ homonymous with *Sarbena*, Wkr., Lp. (1862).]

Neuration: *forewings*, 12 veins, all separate; 8 and 9 approximate at base; an internal vein from 5 to beyond 11; 1 furcate at base; *hindwings*, 8 veins, all separate; 4 and 5, as also 6 and 7, somewhat approximate at base; 2 remote from 3 on margin; an internal vein from between 5 and 6 to base; 1 *a* with a short fork at base.

Allied to *Themiscyra*, Wkr., but differing in the palpi being more recurved and more closely appressed to the face, and in the shorter terminal joint. In the hindwings veins 4 and 5 are separate, but 5 is bent over towards 4 at its origin; in *Themiscyra* veins 4 and 5 are stalked. [Drnt.]

3665. Buxeta conflagrans, Wkr.

Sarbena conflagrans, Wkr., Cat. Lp. Ins. BM. XXXI. 256–7 (1864)[1]. *Buxeta conflagrans*, Wkr., Cat. Lp. Ins. BM. XXXV. 1982 (1866)[2].

Type ♂. (Coll. Saunders) MUS. OXF.

Hab. NEW GUINEA[1] (*Wallace*), one specimen. MUS. OXF. [Drnt. Det. 214 (1893).]

Hampson, Cat. Lp. Phal. BM. II. 567 (1900) states that the type is lost; this is an error, it is in MUS. OXF.

3666. Buxeta aureocuprea, Wkr.

Lithosia aureocuprea, Wkr., Cat. Lp. Ins. BM. XXXV. 1885 (1866)[1]. *Eutane*

aureocuprea, Swinh., Cat. East. and Austral. Lp. Het. Oxf. Mus. I. 126, No. 581, Pl. III. 21 (1892)[2].

Type. (Coll. Saunders) MUS. OXF.

Hab. MALAYSIA—GILOLO [1, 2] (*Wallace*), one specimen. MUS. OXF. [Drnt. Det. 3684 (1899).]

This species agrees with the type of *Buxeta*, except that vein 9 of the forewings is not approximated to 10 on the costa. The genera allied to *Mieza*, Wkr., have been referred by some authors to the *Lithosiadæ*, and by others to the *Hyponomeutidæ*. When these have been collated *aureocuprea* may perhaps be included elsewhere, but the structural difference between it and *conflagrans* is so slight that it would certainly be unwise to separate them on account of the slight variation in a single vein in the unique types of the two species. [Drnt.]

MIEZA, Wkr.

§ EUSTIXIS, Hb., Zutr. Samml. exot. Schm. III. 24 (1825). = MIEZA, Wkr., Cat. Lp. Ins. BM. II. 527 (1854). = ENÆMIA, Z., Verh. ZB. Ges. Wien. XXII. (1872) Abh. 562 (1872).

Sufficient confusion has already arisen between the genera *Eustixia*, Hb. (type *pupula*, Hb.), and *Eustixis*, Hb. (type *pupula*, Hb.), to justify the adoption of *Mieza*, Wkr., in lieu of *Eustixis*, Hb.

3667. Mieza (?) sanguinicornis, Wlsm. sp. n.

Antennæ blood-red, basal joint bright yellow. *Palpi* upturned, reaching to the top of the head, of even width throughout; blood-red, terminal joint bright yellow. *Head* bright yellow, with a reddish tinge posteriorly. *Thorax* bright yellow, with a transverse blood-red band across the middle. *Forewings* pale yellow; an irregular blood-red streak starting from the base follows the dorsum to its middle; at the middle of the dorsum it rises obliquely upward, and passing across the fold (along which it sends a short branch to the tornus) reaches the costa before the apex, and is continued along the base of the cilia around the apex and termen; another blood-red patch occupies the extreme base of the costa, and sends a somewhat bifurcate streak along the cell to one-third the length of the wing, where its lower point touches the fold; immediately above and before the tornus a slight excrescence protrudes upwards from the red streak; cilia yellow on their outer half: underside uniformly blood-red, the extreme margins narrowly yellow. *Exp. al.* 19 mm. *Hindwings* roseate; cilia with a faint yellowish tinge on their outer half: underside roseate, with a red shade along the costa. *Abdomen* roseate. *Legs* pale ochreous, with a roseate tinge on the hind tibiæ.

Type ♂. Mus. Wlsm.

Hab. [CEYLON (*G. Lewis*). Mus. Wlsm.]

MUS. OXF. One specimen, Ceylon (*Thwaites*, 1873). [Wlsm. Det. 60 (1893).]

This is not a true *Mieza*, differing in veins 3 and 4 of the hindwings,

being connate instead of separate at origin. At present it seems inadvisable to describe a new genus for its reception.

PSEUDOCAPRIMA, Wlsm. gn. n.

(ψεῦδος = falsehood ; *Caprima*, nom. gen.)

Type. **Pseudocaprima callopisma**, Wlsm.

= **CAPRIMA**, Wkr., Cat. Lp. Ins. BM. XXXI. 128–9 (1864) [*partim*, ♀ (nec ♂)].

Antennæ (♀) minutely biciliate. *Labial Palpi* smooth, porrect, not reaching beyond the face. *Haustellum* well developed. *Head* and *Thorax* smooth. *Forewings* broad, elongate, narrower towards the base, costa slightly and evenly rounded, apex obtuse, termen moderately straight, somewhat oblique. *Neuration* : 12 veins ; 2 from very near angle of cell ; 5 and 6 remote but parallel ; 7 and 8 stalked, enclosing the apex ; 9 separate. *Hindwings* as broad as the forewings, apex rounded, termen convex. *Neuration* : 8 veins ; 4 nearer to 5 than to 3 ; 6 and 7 separate but slightly approximating ; 8 from base ; 1^a, 1^b, 1^c, present. *Abdomen* smooth. *Legs* smooth, spurs short.

It will probably be found that the ♂ has strongly biciliate or bipectinate antennæ.

The two species differ from *Caprima gelida*, Wkr., and *Caprimima albicollis*, Pgnstchr., in their neuration, but the pattern and colouring of all are so similar, that confusion might easily arise as already proved by previous experience.

3668. Pseudocaprima callopisma, Wlsm. sp. n.

= **Caprima gelida*, Wkr., Cat. Lp. Ins. BM. XXX. 129 (1864) [*partim*, ♀ New Guinea] ; Swinh., Cat. East. & Austral. Lp. Het. Oxf. Mus. I. 61, No. 265 (1892) [*partim*, 'b. New Guinea (*Wallace*)'] ; Hmpsn., Cat. Lp. Phal. BM. II. 286–7, No. 602 (1900) [*partim* syn., 'N. Guinea' (= *Wallace*) *nec* descr. *nec* fig. *nec* 'N. Guinea' (= *Pagenstecher*)].

Antennæ brownish fuscous. *Palpi* fuscous. *Head* and *Thorax* brownish fuscous ; tegulæ with a slight purple tinge ; patagia with a white spot at their outer edge. *Forewings* dark purplish fuscous, with a broad snow-white band arising from the dorsum before the middle, slightly attenuate at its upper extremity and nearly reaching to the costa ; beyond it is a broad chestnut-red patch, margined except on the dorsum by the purplish ground-colour; cilia purplish fuscous (these are somewhat injured, but there is a slight indication that they were tipped with white on the middle of the termen, but not at the tornus) ; underside as above. *Exp. al.* 30 mm. *Hindwings* purplish fuscous, with a broad white patch extending to the base and reaching beyond the middle, but not overflowing the limbus, although touching the margin at the flexus, beyond it a chestnut-

red patch occurs before the apex, through which veins 6 and 7 form two dark lines; cilia brownish fuscous; underside as above. *Abdomen* dark fuscous; anal segment and underside white. *Legs* brownish fuscous, without white tarsal bands.

Type ♀. (Coll. Saunders) MUS. OXF. [Wlsm. Det. 3741 (1900).]
Hab. NEW GUINEA (*Wallace*, 265), one specimen. MUS. OXF.

3669. Pseudocaprima albofimbriata, Wlsm. sp. n.

=**Caprima gelida*, Swinh., Cat. East. & Austral. Lp. Het. Oxf. Mus. I. 61, No. 265 (1892) [*partim* 'c. Wagaiu (*Wallace*)']; Hmpsn., Cat. Lp. Phal. BM. II. 286-7, No. 602 (1900) [*partim* 'Waigiou'].

Antennæ [missing]. *Palpi* short, not extending to the front; dark fuscous. *Head* and *Thorax* fuscous; patagia with a white spot at their outer edge; tegulæ fuscous. *Forewings* dark brownish fuscous, with a slight tawny gloss; a large white spot arising from the dorsum before the middle, tending somewhat obliquely outward, rounded at its upper extremity and nearly reaching to the costa; a rich chestnut-red patch beyond it is broadly margined by the dark ground colour, except where its lower extremity, somewhat attenuate, touches the dorsum before the tornus; cilia purplish fuscous, their outer two-thirds on the middle of the termen and at the tornus white; underside as above, the white cilia very visible. *Exp. al.* 32 mm. *Hindwings* with the whole of the basal half snow-white, except the limbus which is narrowly tawny fuscous; their outer half tawny fuscous, with a faintly indicated diffused patch of chestnut-red before the apex; cilia purplish; underside as above, but the red apical patch is much more clearly defined. *Abdomen* dark greyish fuscous; anal extremity and the underside white. *Legs* brownish fuscous, without tarsal bands.

Type ♀. (Coll. Saunders) MUS. OXF. [Wlsm. Det. 3742 (1900).]
Hab. WAIGIOU ID. (*Wallace*), one specimen. MUS. OXF.

This species is very closely allied to *callopisma*, but differs noticeably in the two snow-white patches in the cilia of the forewings, in the rather broader white stripes, in the deeper tint of the red patch and in the less apparent red patch near the apex of the hindwings.

BETHARGA, Wkr.

BETHARGA, Wkr., Cat. Lp. Ins. BM. XXXIV. 1154 (1865).

3670. Betharga lycoides, Wkr.

Betharga lycoides, Wkr., Cat. Lp. Ins. BM. XXXIV. 1154 (1865)[1].

Type ♀. (Coll. Saunders) MUS. OXF.
Hab. NEW GUINEA[1] (*Wallace*), one specimen. MUS. OXF. [Drnt. Det. 216 (1893).]
Walker describes the type as a ♂, it is a ♀.

DIANASA, Wkr.

DIANASA, Wkr., Cat. Lp. Ins. BM. II. 488 (1854).

3671. Dianasa suffusa, Wkr.

= **hæmatopus**, F. & R.[3]

Dianasa suffusa, Wkr., Cat. Lp. Ins. BM. II. 488 (1854)[1]. *Hypoprepia (?) hæmatopus*, F. & R., Reise Nov. Lp. V. Pl. 139. 54, 55 (1875)[2]. *Dianasa suffusa*, Btl., Tr. Ent. Soc. Lond. 1877, 346, Pl. VIII. 9[3].

Types ♂ ♀. *suffusa*, Wkr., ♀, Mus. Br.; *hematopus*, F. & R., ♂ ♀, Mus. Tring.

Hab. AUSTRALIA[1]. [N. S. WALES, S. AUSTRALIA. Mus. Wlsm.]

MUS. OXF. Four specimens, three from New South Wales, and one from New Holland—probably all from N. S. Wales. [Drnt. Det. 138–141 (1893).]

Felder and Rogenhofer record *hæmatopus* from ASSAM! This is obviously incorrect; there are several similar errors in the 'Reise Novara.' [Drnt.]

3672. Dianasa obscura, Btl.

Dianasa suffusa, Wkr., + *obscura*, Btl., Tr. Ent. Soc. Lond. 1877, 346[1].

Type ♀. Mus. Br.

Hab. AUSTRALIA. QUEENSLAND—Moreton Bay[1].

MUS. OXF. One specimen, QUEENSLAND—Moreton Bay (*Diggles*—Stevens, 1864. 9 *d*). [Drnt. Det. 142 (1893).]

CERACE, Wkr.

CERACE, Wkr., Cat. Lp. Ins. BM. XXVIII. 422 (1863).

3673. Cerace guttana, F. & R.

Cerace guttana, F. & R., Reise Nov. Lp. V. Pl. 139. 51 (1875)[1]; Swinh. & Cotes, Cat. Moths Ind. 699, No. 4769 (1889).

Type ♀. Mus. Tring.

Hab. INDIA—Silhet[1, 2], [Sikkim (*Möller*). Mus. Wlsm.]

MUS. OXF. One specimen, Darjeeling (Janson, 1865). [Wlsm. Det. 38 (1893).]

ANDROGYNE, Wlsm. gn. n.

(*androgyne* = hermaphrodite.)

Type. **Androgyne punctata**, Wlsm.

Antennæ bipectinate in both sexes, the pectinations in the ♂ slightly longer than in the ♀, each pectination ciliate; basal joint enlarged. *Maxillary Palpi* short, depressed. *Labial Palpi* short, porrect. *Haustellum* clothed. *Ocelli* obsolete. *Head* thickly clothed with long recumbent scales. *Thorax* stout, smooth. *Forewings* elongate, subovate, costa

evenly arched, apex rounded, termen oblique, dorsum scarcely convex; in the ♂ the underside is covered with long hair-like scales along the cell and below the fold, these are also observable in the ♀. *Neuration*: 12 veins; 1 furcate at base, the fork extending to nearly half the length of the vein; the fold between veins 1 and 2 chitinous; 2 and 3 form a recurved common stem from tornal angle of cell; the other veins separate; an internal vein from the base, forked in the middle of the cell, its branches running to 5 and 6 respectively; a supplementary cell formed by an internal vein from between 7 and 8 to between 10 and 11. *Hindwings* broader than the forewings, costa convex in middle, apex rounded, termen and dorsum evenly rounded; with a patch of strong hair-like scales above near the base of vein 1^b and another between veins 1^b and 1^c. *Neuration*: 8 veins; 3 and 4 form a short stalk; 6 and 7 separate; 1^b furcate at base; the termen of cell deeply indented between 5 and 6, from which indentation an internal vein runs to the base. *Abdomen* stoutish, flattened at the sides; ♀ with the ovipositor shortly extruded. *Legs* smooth; hind tibiæ with short spurs, the inner slightly longer than the outer.

Allied to *Nosymna*, Wkr. (Cat. Lp. Ins. BM. XXIX. 831–2).

3674. Androgyne punctata, Wlsm. sp. n.

Antennæ white at the base, brownish fuscous beyond. *Palpi* black, median joint white beneath. *Head* white. *Thorax* white, with two purplish fuscous spots anteriorly between the tegulæ, and a transverse series of three similar spots posteriorly. *Forewings* dull white, with a slight greyish tinge not reaching the costa; profusely sprinkled with dark purple spots, varying in their number and distribution; at the middle of the extreme base is one larger than the others, and a little beyond it above the fold is a slight agglomeration of spots, sometimes forming a short dash; a narrow streak along the extreme edge of the costa at the base; the spots are for the most part round, except where two or three are confluent, the number would be about fifty (more or less) in each wing; cilia concolorous with the wing, unspotted: underside uniformly dark leaden grey, a slight brownish tinge along the middle, margins narrowly paler; a few spots (not corresponding with those above) irregularly and by no means uniformly placed occur, but not invariably, in both sexes. *Exp. al.* ♀. 68 mm. *Hindwings* and cilia leaden grey; underside uniformly dark leaden grey, the margins narrowly paler, sometimes with spots, as in the forewings. *Abdomen* darker than the hindwings, the somites marked with narrow paler bands. *Legs* as dark as the abdomen, spurs and hind tibiæ dirty whitish.

Type ♀. Mus. Wlsm. *Paratype* ♂. MUS. OXF. [Wlsm. Det. 70 (1893).]

Hab. [SIKKIM, 1,000–4,000 ft. (*Möller*). Mus. Wlsm.]

MUS. OXF. Two specimens, ASSAM (*Jenkins*). [Wlsm. Det. 70–71 (1893).]

This is one of the largest of the *Tineina*, with a wing-expanse of no less than 68 mm.

I have two specimens (both ♀♀), also from Sikkim, scarcely separable in colour and markings, and of the same general structure, as *Androgyne*

punctata, with the exception that the antennæ are ciliate, not pectinate. These should probably be referred to *Nosymna*, Wkr.

SAPHTHA, Wkr.

SAPHTHA, Wkr., Cat. Lp. Ins. BM. XXX. 1015 (1864).

3675. Saphtha elegans, Wlsm. sp. n.

Antennæ ciliate, thickly clothed to nearly three-fourths; purple. *Palpi* porrect, reaching the length of the head beyond it; brownish externally, whitish beneath and on their inner sides. *Head* brown; face metallic green. *Thorax* olive-brown, with three longitudinal bright metallic green streaks, one median and one on each side along the inner edge of the tegulæ. *Forewings* olive-brown on the basal half, which contains four bright metallic green streaks; one from the base immediately below the costa, one from the middle of the base pointing to the middle of the termen, one from the base below the fold, shorter and parallel with the dorsum; the fourth is transverse, reaching from the costa to the dorsum before the middle of the wing, with a slight break or indentation on the fold—the longitudinal streaks do not reach so far as the transverse streak, but leave before it a space about equal to the extension of the olive-brown colouring beyond it; at the middle of the wing the olive-brown colouring becomes suffused with bright iridescent cupreous purple lustre, continued to the apex and termen, the ground-colour showing only along the extreme margin and in a few irregular patches about the apical portion of the wing; cilia olive-brown at their base, iridescent steely-grey on their outer half. *Exp. al.* 14 mm. *Hindwings* white along the costa and in a large semi-transparent patch extending from the middle to the limbus, this has an iridescent rosy purple hue; the apex and outer border of the wing to the flexus with a broad brown band which is produced inwards towards the base along the upper margin of the cell; cilia white. *Abdomen* brownish, the somites marked with iridescent steel-grey bands. *Legs*: hind tibiæ brown, the tarsi white, banded and spotted above with brown.

Type ♂. Mus. Wlsm.

Hab. INDIA—[Bekpur 24–25, VII. 1886 (*Minchin*), Ganjam (*Minchin*). ANDAMAN IS. Mus. Wlsm.]

MUS. OXF. Two specimens, INDIA—Barrackpore, 9, VII. 1886, 14, VII. 1886 (*Minchin*). [Wlsm. Det. 53–54 (1893).]

Neuration: *forewings* 12 veins; 1 furcate at base; 2 from middle third of cell, running nearly parallel with the dorsum and curving upward to a point below the middle of the termen; the upper part of the cell recedes and the apical veins, which are all separate, are very long; *hindwings* 8 veins; the lower portion of the cell produced nearly to the margin, veins 2, 3 and 4 being very short; 3 and 4 from a short stalk; 6 and 7 separate and parallel; 8 free.

PHYCODES, Gn.

= § CHIMÆRA, Ochs. = § ATYCHIA, Ltr. = NIGILGIA, Wkr. = TEGNA, Wkr.

Type, α. **Chimæra radiata**, Ochs.

§ CHIMÆRA, Ochs., Schm. Eur. II. 2 (1808).

[§ homonymous with *Chimæra*, Linn., *Pisc.* 1766, &c.]

= PHYCODES, Gn., Sp. Gen. Lp. VI. Noct. II. 389 (1852).
= TEGNA, Wkr., Cat. Lp. Ins. BM. XXXV. 1809 (1866).

Type, β. **Sphinx appendiculata**, Esp.

= § ATYCHIA, Ltr., Gen. Crust. Ins. IV. 214 (1809).

[§ homonymous with *Atychia*, Ochs., *Lep.* 1808. It should be observed that Latreille attributes *Atychia* to Hoffmannsegg and Illiger. We have been unable to find a reference to the *Atychia* of either of these authors; should such exist it is probably anterior to Ochsenheimer's genus.]

Type, γ. **Nigilgia adjectella**, Wkr.

= NIGILGIA, Wkr., Cat. Lp. Ins. BM. XXVIII. 511–2 (1863).

3676. Phycodes radiata, Ochs.

= **hirudinicornis**, Gn.; = **hyblæella**, Wkr.; = † **hirundinicornis**, Moore.

Chimæra radiata, Ochs., Schm. Eur. II. 5–6 (1808)[1]; Bdv., Ic. Hist. Lp. Eur. II. 86 (1834)[2]: Gen. et Ind. Meth. Eur. Lp. 40, No. 315 (1840)[3]; Hdnrch., Lp. Eur. Cat. Meth. 21, No. 108 (1851)[4]. *Phycodes hirudinicornis*, Gn., Sp. Gen. Lp. VI. Noct. II. 389, 1249, Pl. XIII. 5 (1852)[5]. *Atychia radiata*, HS., Schm. Eur. V. 84, No. 99 (1854)[6]. *Phycodes hirudinicornis*, Wkr., Cat. Lp. Ins. BM. XII. 980 (1857)[7]. *Atychia radiata*, Stgr. & Wk., Cat. Lp. Eur. 106, No. 1187 (1861)[8]. *Tegna hyblæella*, Wkr., Cat. Lp. Ins. BM. XXXV. 1810 (1866)[9]. *Phycodes hirundinicornis*, Moore, Pr. Z. Soc. Lond. 1867, 63 (1867)[10]. *Atychia radiata*, Stgr. & Wk., Cat. Lp. Eur. 265, No. 1312 (1871)[11]; Bdv., HN. Lp. Het. I. 483 (1874)[12]. *Tegna hyblæella*, Btl., Pr. Z. Soc. Lond. 1883, 174 (1883)[13]; Forsayeth, Tr. Ent. Soc. Lond. 1884, 379, 413, Pl. XIV. 10 (1884)[14]. *Phycodes radiata*, Rgnhfr., Verh. ZB. Ges. Wien. XXXIV. (1884), Abh. 563–6 (1885)[15]. *Phycodes hirudinicornis*, Wlsm., Pr. Z. Soc. Lond. 1885, 881–2 (1886)[16]. *Tegna hyblæella*, Btl., Pr. Z. Soc. Lond. 1886, 394 (1886)[17]. *Phycodes hirundinicornis*, Wlsm., Pr. Z. Soc. Lond. 1886, 463 (1886)[18]. *Phycodes hirudinicornis*, Wrn., Pr. Z. Soc. Lond. 1888, 337 (1888)[19]; Swinh. & Cotes, Cat. Moths Ind. 701, No. 4780 (1889)[20].

Types ♂ ♀. *radiata*, Ochs. (Mazzola Coll.), Mus. Vienna; *hirudinicornis*, Gn., Mus. (*Oberthur?*): *hyblæella*, Wkr., ♂ ♀, Mus. Br.

Larva. *Ficus indica* (banyan)[10], 'Gular'[14], VIII[10]. *Imago* IV[18], VII[17], IX[13].

Hab. [EUROPE—Vienna[1–3, 6, 8, 11]; ? = INDIA[15].] INDIA[15]—Hindostan[7], Nepaul[9], N. Hindostan[9], Lucknow[10], Calcutta[10], Madras[10],

Bombay [10], Mhow [13], Poona [16], Dharmsala [16], Campbellpore [16], Khairabad [19], Hassan Abdal [19], Kulu [20].

MUS. OXF. One specimen, INDIA [Drnt. Det. 33 (1893)]; three specimens, INDIA. [Drnt. Det. 3671–3 (1899).]

SIMAETHIS, Leach.

SIMAETHIS, Leach, Brewster's Edinb. Encycl. IX. 135, No. 466 (1815).

3677. Simaethis taprobanes, Z.

Simaethis taprobanes, Z., Hor. Soc. Ent. Ross. XIII. 178–9, Pl. II. 65 (1877) [1]; Meyr., Pr. Lin. Soc. NSW. (2 s.) I. 256, No. 23 (1886) [2]; Moore, Lp. Ceyl. III. 497 (1887) [3]; Swinh. & Cotes, Cat. Moths Ind. 700, No. 4778 (1889) [4].

Type ♀. Mus. Stgr.

Hab. CEYLON [1–4]. NEW GUINEA—Fly River [2].

MUS. OXF. One specimen, INDIA—Barrackpore 14, VII. 1886 (*Minchin*). [Wlsm. Det. 57 (1893).]

TORTRICIDÆ.

*OLETHREUTINÆ.

PLATYPEPLUM, Wlsm.

† PLATYPEPLUS, Wlsm., Moore's Lp. Ceyl. III. 495 (1887); Swinh. & Cotes, Cat. Moths Ind. 698 (1889). ‡ PLATYPEPLUM, Wlsm., Ind. Mus. Notes IV. 105 (1899).

3678. Platypeplum aprobolum, Meyr.

Eccopsis aprobola, Meyr., Pr. Ent. Soc. Lond. 1886, 275 [1]. *Platypeplus aprobola*, Wlsm., Moore's Lp. Ceyl. III. 495–6, Pl. 208, 2 (1887) [2]; Swinh. & Cotes, Cat. Moths Ind. 698, No. 4759 (1889) [3].

Type ♂ ♀. Mus. Wlsm.

Hab. TONGA [1], TAHITI [2], CEYLON [2–3].

MUS. OXF. E. India—two specimens. [Drnt. Det. 51; Wlsm. Det. 52 (1893).]

LIPSOTELUS, Wlsm. gn. n.

(λειψότελος = having lost its end.)

Type, ♂ ♀. **Lipsotelus lichenoides**, Wlsm.

Antennæ ♂, simple. *Palpi* porrect, median joint thickly clothed throughout above and below, but not loosely tufted; terminal joint short, porrect. *Head* roughly clothed above. *Thorax* not tufted. *Forewings* narrow at the base, widening outwards, costa with a rounded projection beyond the middle, thence abruptly excavate to the apex, ♂ without a costal fold; apex slightly falcate, termen strongly convex, tornus rounded, dorsum moderately straight. *Neuration*: 12 veins, all separate;

3 recurved to the termen; 7 to below apex; 10 arising nearer to 11 than to 9. *Hindwings* broader than the forewings, apex rounded, termen rounded, but slightly bulged above the tornus. *Neuration*: 8 veins; 3 and 4 connate; 5 closely approximate to 4 at base; 6 and 7 separate; 8 running very nearly to the apex. *Abdomen* normal. *Legs* smooth, hind tibiæ with a very slight hair-pencil.

This genus agrees with *Lobesia*, Gn., in having vein 10 of the forewings nearer to 11 than to 9, but differs in vein 5 of the forewings, approaching much nearer to vein 4 at its origin as well as in the excavate costa of the forewings.

[The genus *Lipsotelus* being founded on an unpublished species, it is necessary to include here a description of its type :—

Lipsotelus lichenoides, Wlsm. sp. n. *Antennæ* brownish fuscous, a small pale ochreous spot in front at the junction of the basal joint with the head. *Palpi* brownish fuscous, snow-white beneath to the middle of the median joint. *Head* brownish fuscous. *Thorax* brownish fuscous in front, posteriorly shading to dark olive-green; underside shining snow-white. *Forewings* dark olive-brown, mottled with black on the basal half towards the costa and shading to dark olive-green on two-thirds of the dorsal half of the wing; the black beneath the costa is divided into two or three irregular blotches, the first very near the base, the second, more or less confused with the third, a little before the middle; the extreme costa pale ochreous, spotted throughout with black; the green-shaded dorsal half is reticulated with fuscous, a quadrate patch before the middle and a smaller one beyond it more thickly so than the remainder; a strong tuft of olive-green scales projects from near the base of the dorsum; on the apical third of the wing towards the tornus, and on the apical half towards the costa, the olive-brown ground-colour is sparsely dotted with black and sprinkled with rosy steel-grey, especially about the termen, and a slender line of black dots follows the extreme margin; cilia pale brownish cinereous, with a slender darker shade along their base; the tornal cilia are touched with fuscous; underside dark fuscous, the costa brownish ochreous, cilia pale brownish ochreous. *Exp. al.* 22 mm. *Hindwings* dark fuscous; cilia pale brownish cinereous, greyish fuscous about the abdominal angle; underside dark fuscous, cilia pale brownish ochreous. *Abdomen* dark fuscous; pale ochreous beneath. *Legs* ochreous, tarsi spotted with dark fuscous.

Type ♂ ♀. Mus. Wlsm. *Hab.* TENASSERIM—Mergui (*Doherty*).]

3679. Lipsotelus albifascies, Wlsm. sp. n.

Antennæ (broken). *Palpi* white, slightly shaded with cinereous above. *Head* pale cinereous, face white. *Thorax* greyish brown, white beneath. *Forewings* whitish cinereous, shaded and streaked with greyish brown; a dark greyish brown lanceolate shade runs from the base half-way along the lower edge of the cell, separated by a slender whitish cinereous line from a rather lighter greyish brown shade which occupies the greater part of the dorsum; the remainder of the wing is sprinkled and shaded with grey and contains several longitudinal brownish streaks and spots, except on the part below and parallel to the costa; on the costa are a number of oblique, slender, rich chestnut-brown streaks, the apex also is chestnut-brown, and a slender line of the same colour runs along the termen; cilia whitish cinereous, tipped with brownish ochreous, a black streak running through them at the apex; underside greyish fuscous, the margins narrowly pale ochreous, a black spot in the apical cilia. *Exp. al.* 17 mm.

Hindwings greyish fuscous; cilia cinereous, with a slender subochreous line along their base; underside greyish fuscous, slightly paler than in the forewings. *Abdomen* greyish fuscous, subochreous beneath. *Legs* whitish ochreous, hind tarsal joints spotted with greyish fuscous.

Type ♂. (60367) Mus. Wlsm.

Hab. [CHINA—Chang-Yang (Ichang) (*Pratt*). Mus. Wlsm.]

MUS. OXF. INDIA—Ootacamund (*Minchin*), three specimens. [Wlsm. Det. 6–8 (1893).]

'*Larva* yellow, naked, about an inch long, leaf-roller on a common jungle bush at Ootacamund. *Pupa* light brown, No. 951' (Minchin MS.).

The neuration of this species agrees with that of the type, except that in the hindwings vein 4 is bent up towards 5, and runs parallel with it to its junction with the base of 3; 8 runs closely parallel with the edge of the cell to the origin of 7, being diverted to the costa.

EUCELIS, Hb.

EUCELIS, Hb., Verz. bek. Schm. 394 (1826).

3680. Eucelis vulnerata, Wlsm. sp. n.

Antennæ fuscous. *Palpi* projecting the length of the head beyond it, terminal joint conspicuous; bright orange. *Head* bright orange. *Thorax* greyish, tegulæ touched with orange. *Forewings*, on the basal two-thirds pale olivaceous, with numerous bright orange-red streaks tending to assume a more or less defined pattern; three or four arising on the costa are curved obliquely outwards, and others arising on the dorsum extend obliquely upwards and outwards; the extreme costa is minutely speckled with fuscous; at two-thirds of the wing-length commences a brilliant orange-red patch, covering the remainder of the wing, much mottled and reticulated with black, and with three pairs of bright ochreous streaklets on the extreme costa; the inner border of this apical patch is divided from the paler portion of the wing by a continuous shining dark steel-grey line, slightly waved, and more or less margined with blackish scales; cilia dark steel-grey, with a slender blackish line running through them. *Exp. al.* 10·5 mm. *Hindwings* dull brownish; cilia pale greyish, with a brownish line running through their middle. *Abdomen* dull brownish. *Legs* greyish.

Type ♀. (40380) Mus. Wlsm.

Hab. [TENASSERIM—Mergui (*Doherty*, 1888), one specimen. Mus. Wlsm.]

MUS. OXF. INDIA—Barrackpore, 5, VI. 1886 (*Minchin*), one specimen. [Wlsm. Det. 30, 1893.]

TORTRICINÆ.

OXYGRAPHA, Hb.

§ **PERONEA**, Crt., Br. Ent. I. expl. Pl. XVI. (1824). † **OXIGRAPHA**, Hb., Verz. bek. Schm. 386 (1826). ‡ **OXYGRAPHA**,

Wilk., Br. Tortr. 160 (1859). **TERAS**, Hein.; Stgr. & Wk. Cat.; Fern. &c. (*nec* Tr. + Dp.). **ACALLA**, Meyr., HB. Br. Lp. 519–20 (1895) (*nec* Hb. + Stph.). **OXYGRAPHA**, Wlsm., Pr. Z. Soc. Lond. 1897, 131, No. 71.

3681. Oxygrapha comparana, Hb.

Tortrix comparana, Hb., Samml. Eur. Schm. VII. Pl. XLVI. 284 (*ante* 1813). *Acleris comparana*, Hb., Verz. bek. Schm. 384, No. 3715 (1826). *Teras comparana*, Stgr. & Wk., Cat. Lp. Eur. 234, No. 673 (1871).

Hab. EUROPE.

MUS. OXF. INDIA – Ootacamund, three specimens (*Minchin*). [Wlsm. Det. 1–3 (1893).]

'*Larva* about one inch long, green, naked, head brown. Very common at Ootacamund on rose trees, of which it rolls the leaves. *Pupa* brown, marked with green, No. 1000' (Minchin MS.).

AROTROPHORA, Meyr.

AROTROPHORA, Meyr., Pr. Lin. Soc. NSW. VI. 528 (1881).

3682. Arotrophora semiotis, Meyr.

[*Arotrophora semiotis*, Meyr., MS.]

MUS. OXF. AUSTRALIA, 'New Holl.', one specimen, unset. [Determined by Meyrick from Drnt. Det. fig. 146 (1893).]

ARCHIPS, Hb.

ARCHIPS, Hb., Tent. p. (2) (1806). = **CACŒCIA**, Hb., Verz. bek. Schm. 388 (1826).

3683. Archips postvittanus, Wkr.

[? = **retractana**, Wkr.[13]; = **dotatana**, Wkr.[13]; = **scitulana**, Wkr.[13]; = **basialbana**, Wkr.[13]; = **secretana**, Wkr.[13]; = **secundana**, Wkr.[13]; = **consociana**, Wkr.[13]; = **reversana**, Wkr.[13]; = **fœdana**, Wkr.[13]; = **sobriana**, Wkr.[13]; =**immersana**, Wkr.[13]

[? *Teras retractana*, Wkr., Cat. Lp. Ins. BM. XXVIII. 288–9 (1863)[1].] *Teras postvittana*, Wkr., Cat. Lp. Ins. BM. XXVIII. 297 (1863)[2]. *Teras dotatana*, Wkr. Cat. Lp. Ins. BM. XXVIII. 298 (1863)[3]. *Teras scitulana*, Wkr., Cat. Lp. Ins. BM. XXVIII. 298–9 (1863)[4]. *Teras basialbana*, Wkr., Cat. Lp. Ins. BM. XXVIII. 299 (1863)[5]. *Teras secretana*, Wkr., Cat. Lp. Ins. BM. XXVIII. 300 (1863)[6]. *Pandemis secundana*, Wkr., Cat. Lp. Ins. BM. XXVIII. 310–11 (1863)[7]. *Pandemis consociana*, Wkr., Cat. Lp. Ins. BM. XXVIII. 311–12 (1863)[8]. *Dichelia reversana*, Wkr., Cat. Lp. Ins. BM. XXVIII. 321 (1863)[9]. *Dichelia fœdana*, Wkr., Cat. Lp. Ins. BM. XXVIII. 321–2 (1863)[10]. *Dichelia sobriana*, Wkr., Cat. Lp. Ins. BM. XXVIII. 322 (1863)[11]. *Pœdisca immersana*, Wkr., Cat. Lp. Ins. BM. XXVIII. 380 (1863)[12]. *Cacœcia postvittana*, Meyr., Pr. Lin. Soc. NSW. VI. 502–4, 702, 703, 705 (1881)[13]; Olliff, Agr. Gaz. NSW. I. 7–8, Pl. I. 2 (1890)[14].

Types ♂ ♀. Mus. Br. *postvittana*, Wkr., ♀, [=*retractana*, Wkr., ♂, accord-

ing to type, labelled 'Australia,' but not description [13]] ; *dotatana*, Wkr., ♂ ; *scitulana*, Wkr., ♂ ; *basialbana*, Wkr., ♂ ; *secretana*, Wkr., ♀ ; *secundana*, Wkr., ♀ ; *consociana*, Wkr., ♀ ; *reversana*, Wkr. ; *fœdana*, Wkr., ♀ ; *sobriana*, Wkr., ♀ ; *immersana*, Wkr., ♂.

Hab. AUSTRALIA [? = *UNITED STATES* [1]], N. S. WALES [2, 13], QUEENSLAND [14], TASMANIA [3], VICTORIA [13].

Larva. Corea robusta [13], *Boronia ledifolia* [13], *Persoonia lanceolata* [13], *Grevillea robusta* [13], *Polygonum sp.* [13], Apple [14], VIII [13], IX [13], I [13]. *Imago* VIII–X [13], I [13], III–IV [13].

MUS. OXF. Van Diemen's Land (Burchell Coll. 1) ; (*Ewing*, 1), two specimens. [Drnt. Det. 82–3 (1893).]

3684. Archips responsanus, Wkr.

[?=**ashworthana**, Newm. [4]]

[? *Tortrix ashworthana*, Newm., Tr. Ent. Soc. Lond. (n.s.) III. 286–7 (1856) [1].] *Teras responsana*, Wkr., Cat. Lp. Ins. BM. XXVIII. 297 (1863) [2]. [? *Tortrix ashworthana*, Wkr., Cat. Lp. Ins. BM. XXX. 985 (1864) [3].] *Cacœcia responsana*, Meyr., Pr. Lin. Soc. NSW. VI. 500–2, 702 (1881).

Type ♂. *responsana*, Mus. Br.

Hab. AUSTRALIA [2]—N. S. WALES [4], VICTORIA [1, 4], TASMANIA [4].

Larva. Acacia decurrens [4]. *Imago* IX–XI [4].

MUS. OXF. Van Diemen's Land (*Ewing*), two specimens. [Drnt. Det. 84–5 (1893).]

3685. Archips mimicus, Wlsm. sp. n.

Antennæ pale brownish. *Palpi*, *Head*, and *Thorax* tawny brown. *Forewings* : ♂, with the costal fold extending more than one-third from the base, and ending somewhat abruptly (wider than in *xylosteanus*, L.) ; purplish grey, with tawny brown blotches and streaks ; a streak from near the base of the dorsum crosses the fold obliquely outwards, ending in a reverted point on the disc, narrowly margined with whitish ochreous scales, a patch of the same colour lying on its inner edge above the fold ; beyond it is a broad tawny brown shade, beginning narrowly on the costa at the outer end of the costal fold, expanding obliquely outwards and blending into the more greyish ground-colour about the tornus, this is also narrowly margined by a whitish ochreous line, and its inner edge is slightly angulated on the fold ; a more or less triangular tawny brown costal patch, commencing beyond the middle, reaches nearly to the apex, its outer edge joining with an extended streak of the same colour which reaches to the lower half of the termen, and is sharply angulated at its inner edge, containing at its widest part two streaks of black scales following the lines of the veins ; a smaller tawny brown patch lies at the extreme apex, the intermediate space between these costal and apical markings is much sprinkled with silvery grey scaling ; cilia tawny, tipped with fuscous at the apex, their outer half along the middle of the apical margin tawny brown, inclining to ochreous about the tornus ; underside greyish, the costal and apical portions ochreous, with large and conspicuous reticulations : ♀, the shape of the wing is that of *podanus*, Sc., ♀ ; there is less of the tawny brown colour, and the ground-colour of the

wing is more inclined to greyish fawn, having less of the purplish tinge. but this is somewhat variable; there is a faint indication of the same pattern of markings, but the dorso-basal streak is not apparent, being replaced by a dorsal patch, which does not cross the fold, and is somewhat further removed from the base than in the ♂; this is of a purplish grey colour, as is also the central shade and the costal and apical patches; the streak reaching to the termen is not present, but the ground-colour of the wing is slightly reticulated with purplish grey; there is a slight spot at the middle of the cell opposite to the middle of the costal patch; underside greyish, the costal and apical portions ochreous, with only the faintest indication of reticulations. *Exp. al.* ♂ 16–21, ♀ 22–24 mm. *Hindwings*: ♂, greyish, with a slight reddish ochreous tinge about their apex; cilia greyish; underside greyish, the costal and apical portions ochreous, with large and conspicuous greyish reticulations: ♀ as in the ♂, but with a distinct fringe of tawny grey scales on the costa; underside as in the ♂, but with only the faintest indication of reticulations. *Abdomen* greyish, anal tuft slightly paler. *Legs* cinereous.

Type ♂ ♀. Mus. Wlsm.

Hab. INDIA—[Ootacamund (*Minchin*), Nilghiris, VI, VIII (*Hampson*), Wynaard District (*Farn*), Poona, XI (*Swinhoe*), Ganjam, X (*Minchin*). ASSAM—Margherita (*Doherty*). TENASSERIM—Mergui (*Doherty*). Mus. Wlsm.]

MUS. OXF. Ootacamund, 2 specimens (*Minchin*). [Wlsm. Det. 4–5 (1893).]

'*Larva* green, head brown, slightly hairy. Leaf-roller on honeysuckle. *Pupa* brown. No. 925' (Minchin MS.).

In the ♀ the shape of the forewing resembles that of *podanus*, Sc. (♀), differing much in this respect from the European *xylosteanus*, L., in which the ♀ more nearly resembles the ♂; moreover there is a thickened fringe of scales on the costa of the hindwings in the ♀, resembling that which distinguishes the ♀ of *decretanus*, Tr., from *podanus*, Sc., ♀.

ACROPOLITIS, Meyr.

ACROPOLITIS, Meyr., Pr. Lin. Soc. NSW. VI. 432–3 (1881).

3686. Acropolitis dolosana, Wkr.

Tortrix dolosana, Wkr., Cat. Lp. Ins. BM. XXVIII. 331–2 (1863)[1]. *Acropolitis dolosana*, Meyr., Pr. Lin. Soc. NSW. VI. 435–6, 703 (1881)[2].

Type ♀. Mus. Br.

Hab. TASMANIA[1]. VICTORIA[2]. [N. S. WALES—Parramatta. Mus. Wlsm.]

MUS. OXF. Three specimens labelled 'N. H.' (i.e. New Holland)—probably from New South Wales. [Drnt. Det. 86–8 (1893).]

3687. Acropolitis signigerana, Wkr.

=rudisana, Wkr.[4]; = indecretana, Wkr.[4]

Tortrix signigerana, Wkr., Cat. Lp. Ins. BM. XXVIII. 332–3 (1863)[1].

Sciaphila rudisana, Wkr., Cat. Lp. Ins. BM. XXVIII. 349–50 (1863)[2]. *Penthina? indecretana*, Wkr., Cat. Lp. Ins. BM. XXVIII. 377 (1863)[3]. *Acropolitis signigerana*, Meyr., Pr. Lin. Soc. NSW. VI. 438–9, 703, 705 (1881)[1]; Rsnstk., Ann. and Mag. NH. (5 s.) XVI. 436 (1885).

Types ♀. Mus. Br. *signigerana*, Wkr., ♀; *rudisana*, Wkr., ♂; *indecretana*, Wkr., ♀.

Hab. AUSTRALIA[1]—TASMANIA[2], QUEENSLAND[3, 4], N. S. WALES[4], VICTORIA[4], SOUTH AUSTRALIA[5].

Imago. IX–XI[4].

MUS. OXF. Van Diemen's Land (*Ewing*), one specimen. [Drnt. Det. 3667 (1899).]

ANATROPIA, Meyr.

ANATROPIA, Meyr., Pr. Lin. Soc. NSW. VI. 463 (1881).

3688. Anatropia diemeniana, Z.

Conchylis diemeniana, Z., Hor. Soc. Ent. Ross. XIII. 138–9 (1877)[1]. *Heliocosma? diemeniana*, Meyr., Pr. Lin. Soc. NSW. VI. 696 (1881).

Type ♀. Mus. Stgr.

Hab. TASMANIA[1]. [VICTORIA — nr. Melbourne (*Anderson*). Mus. Wlsm.]

MUS. OXF. Van Diemen's Land (*Ewing*), one specimen.

[This must be referred to the genus *Anatropia*; I have seen Zeller's type. Drnt. Det. 89 (1893).]

3689. Anatropia craterana, Meyr.

Anatropia craterana, Meyr., Pr. Lin. Soc. NSW. VI. 464 (1881)[1].

Type ♂. Mus. Meyr.

Hab. N. S. WALES—Mt. Victoria (3,300 ft.) I[1].

MUS. OXF. TASMANIA—Van Diemen's Land (*Ewing*), one specimen. [Drnt. Det. 90 (1893).]

CAPUA, Stph.

n. syn. = **HOMONA**, Wkr.

CAPUA, Stph., Ill. Br. Ent. Haust. IV. 171 (1834). = § **TERATODES**, Gn., Ann. Soc. Ent. Fr. XIV. (2 s.) III. 168 (1845): Ind. Meth. 34 (1845). = **BATODES**, Gn., Ann. Soc. Ent. Fr. XIV. (2 s.) III. 174 (1845): Ind. Meth. 40 (1845). = **HOMONA**, Wkr., Cat. Lp. Ins. BM. XXVIII. 424 (1863).

3690. Capua fasciculana, Wkr.

Homona fasciculana, Wkr., Cat. Lp. Ins. BM. XXVIII. 424 (1863)[1]; Moore, Lp. Ceyl. III. 496 (1887)[2]; Swinh. & Cotes, Cat. Moths Ind. 700, No. 4774 (1889).

Type ♂. Mus. Br.

Hab. CEYLON.

MUS. OXF. Ceylon (*Thwaites*, 1872).

This is probably identical with *Tortrix coffearia*, Nietn. [Wlsm. Det. 32 (1893).]

TINEIDÆ.

GRACILARIA, Hw.

† GRACILLARIA, Hw., Lp. Br. 527 (1828).

3691. Gracilaria coccinea, Wlsm. sp. n.

Antennæ (1), subochreous, the basal joint yellow with a red spot at its apex. *Maxillary Palpi* carmine. *Labial Palpi* long, slender, recurved; median joint carmine externally, terminal joint whitish, tinged with carmine. *Head* and *Thorax* yellow, tinged with carmine, a broad carmine band reaching over the base of the head and the front of the thorax, the middle of the thorax yellow, the hind portion carmine; face white; underside of the thorax carmine. *Forewings* bright carmine, with four rich yellow dorsal streaks; the first, near the base, wide and conspicuous, sloping inward and reaching nearly to the costa, where it is narrower than at the base; the second, before the middle, is abruptly produced outwards along the upper edge of the fold; the third, beyond the middle, crossing the fold, is also somewhat produced outwards along the upper edge of the fold; the fourth, before the tornus, is also abruptly produced outwards at its apex; between the first and second streak is a small yellow spot on the fold, with a smaller one above and before it, and two smaller ones above and beyond it; three broken irregular black lines converge towards a black spot before the apex of the wing, the first starting along the upper edge of the second dorsal streak, the second from the upper edge of the third dorsal streak, and the third from the upper edge of the fourth dorsal streak (in some specimens there is a small yellow costal spot near the base and the form of the markings here described is somewhat variable in a series of specimens); cilia at the apex bright yellow, tipped with fuscous at their costo-apical extremity, along the dorsum rosy grey; underside rosy grey. *Exp. al.* 12–15 mm. *Hindwings* shining grey; cilia rosy grey; underside rosy grey. *Abdomen* grey, shining white beneath. *Legs*: the two anterior pairs with carmine femora and tibiæ, the latter banded with yellow; the posterior pair greyish, the tarsal joints slightly darker, underside of the femora shining white.

Type ♂. Mus. Wlsm.

'*Larva* dark green, slightly hairy, about half an inch long, head black; a leaf-roller on myrtle. *Pupa* brown, with two of the legs protruding far beyond the tip of the abdomen. No. 972' (Minchin MS.).

Hab. INDIA—Ootacamund (*Minchin*). MUS. OXF. and Mus. Wlsm.

MUS. OXF. Two specimens. [Wlsm. Det. 13–14 (1893).]

SARIDOSCELIS, Meyr.

SARIDOSCELIS, Meyr., Tr. Ent. Soc. Lond. 1894, 28.

3692. Saridoscelis sphenias, Meyr.

Saridoscelis sphenias, Meyr., Tr. Ent. Soc. Lond. 1894, 28–9 [1].

Type ♀. Mus. Meyr.

Hab. BURMAH—Koni [1]. INDIA [Dharmsala (*Hocking*). Mus. Wlsm.]

MUS. OXF. One specimen, Ootacamund, V. 1884 (*Minchin*). [Wlsm. Det. 28 (1893).]

THUDACA, Wkr.

THUDACA, Wkr., Cat. Lp. Ins. BM. XXIX. 825 (1864); Meyr., Pr. Lin. Soc. NSW. (2 s.) VII. 482, 569–70, No. 30 (1893).

3693. Thudaca obliquella, Wkr.

Thudaca obliquella, Wkr., Cat. Lp. Ins. BM. XXIX. 825 (1864)[1]; Meyr., Pr. Lin. Soc. NSW. (2 s.) VII. 570, 575, No. 147 (1893)[2].

Type ♂ ♀. Mus. Br.

Larva. Leptospermum[2], IX–X[2]. *Imago* X[2], XII–I[2], III[2].

Hab. AUSTRALIA. QUEENSLAND—Moreton Bay[1]. N. S. WALES—Newcastle[2], Sydney[1, 2]. [VICTORIA—Melbourne. Mus. Wlsm. TASMANIA—Hobart. Mus. Wlsm.]

MUS. OXF. One specimen, New Holland. [Drnt. Det. 135 (1893).]

CHRYSORYCTIS, Meyr.

CHRYSORYCTIS, Meyr., Pr. Lin. Soc. NSW. (2 s.) VII. 481, 547–8, No. 16 (1893).

3694. Chrysoryctis ochranthes, Meyr.

Chrysoryctis ochranthes, Meyr., Pr. Lin. Soc. NSW. (2 s.) VII. 548, 552, No. 112 (1893)[1].

Type ♂ ♀. Mus. Meyr.

Imago. XI–I[1].

Hab. AUSTRALIA. VICTORIA—Trafalgar[1]. TASMANIA—Campbelltown[1], Deloraine[1], George's Bay[1], Hobart[1], Launceston[1]. S. AUSTRALIA—Mt. Lofty[1].

MUS. OXF. One specimen, Adelaide (S. Australia). [Drnt. Det. 150 (1893).]

MONOPIS, Hb.

MONOPIS, Hb., Verz. bek. Schm. 401 (1826). = BLABOPHANES, Z., Lin. Ent. VI. 100 (1852).

3695. Monopis meliorella, Wkr.

=**œcophoroides**, Wkr.[7]; =**vivipara**, Scott[7]; n. syn.=**nivibractella**, Wkr.; († **nivileractella**, Wkr.).

Tinea meliorella, Wkr., Cat. Lp. Ins. BM. XXVIII. 483–4 (1863)[1]. *Tinea vivipara*, Scott, Tr. Ent. Soc. NSW. I. 33–6, Pl. IV. (1863–4)[2]; Wkr., Cat. Lp. Ins. BM. XXX. 1005 (1864)[3]. *Tinea œcophoroides*, Wkr., Cat. Lp. Ins. BM. XXX. 1005–6 (1864)[4]. *Tinea nivileractella*, Wkr., Char. Undescr. Lp. Het. 64 (1869)[5]. *Tinea nivibractella*, Wkr., Char. Undescr. Lp. Het. 84, No. 44 (1869)[6].

Blabophanes meliorella, Meyr., Pr. Lin. Soc. NSW. (2 s.) VII. 527–8, No. 68 (1893)[7].

Types ♂ ♀. *meliorella*, Wkr., ♀, Mus. Br.; *œcophoroides*, Wkr., Mus. Br.; *vivipara*, Scott, Mus. [—?—]; *nivibractella*, Wkr., ♂, Mus. Melbourne.

Imago. VI–II (♀ recorded by Scott[2] as viviparous).

Hab. AUSTRALIA[3, 5–6]. QUEENSLAND—Brisbane[7], Duaringa[7], Moreton Bay [1, 4], Toowoomba (2,000 ft.)[7]. N. S. WALES—Bathurst (2,500 ft.)[7], Bowenfels[7], Sydney[7]. VICTORIA—Melbourne[7], Warragul[7]. [TASMANIA —Hobart. Mus. Wlsm.] S. AUSTRALIA—Mt. Lofty[7], Port Lincoln[7], Wirrabara[7]. W. AUSTRALIA—Albany[7], Geraldton[7].

MUS. OXF. One specimen, N. AUSTRALIA—Port Essington. [Drnt. Det. 28 (1893).]

3696. Monopis ethelella, Newm.

=rectella, Wkr.[7]; **=namuella**, F. & R.[7]

Tinea ethelella, Newm., Tr. Ent. Soc. Lond. (n. s.) III. 288–9 (1856)[1]; Wkr., Cat. Lp. Ins. BM. XXVIII. 482 (1863)[2]. *Tinea rectella*, Wkr., Cat. Lp. Ins. BM. XXVIII. 482 (1863)[3]. *Blabophanes namuella*, F. & R., Reise Nov. Lp. V. Pl. 140. 44 (1875)[4]. *Tinea rectella*, Btl., Pr. Z. Soc. Lond. 1877, 404 (1877)[5]: Cist. Ent. II. 560 (1880)[6]. *Blabophanes ethelella*, Meyr., Tr. NZ. Inst. XX. 97 (1888)[7]: Pr. Lin. Soc. NSW. (2 s.) VII. 527, 528–9, No. 70 (1893)[8].

Types ♀. *ethelella*, Newm., Mus. [—?—]; *rectella*, Wkr., ♀, Mus. Br.; *namuella*, F. & R., ♀, Mus. Tring.

Imago. X–V[7], IX–V[8].

Hab. AUSTRALIA. N. S. WALES—Bathurst[8], Cooma (3,000 ft.)[8], Glen Innes (3,500 ft.)[8], Sydney[8]. VICTORIA—Melbourne[8], Mt. Alexander Range[1]. TASMANIA[3]—George's Bay[8], Hobart[8]. S. AUSTRALIA—Mt. Lofty[8], Wirrabara[8]. W. AUSTRALIA—Albany[8], York[8]. N. ZEALAND [4, 5, 8] —Auckland[3], Christchurch[7], Marlborough Province[6], Nelson (to 4,000 ft.)[7], Palmerston[7].

MUS. OXF. One specimen, W. Australia. [Drnt. Det. 97 (1893).]

SCARDIA, Tr.

SCARDIA, Tr., Schm. Eur. VIII. 291 (1830): IX. (1) 3 (1832).

3697. Scardia australasiella, Don.

=cossuna, M'Leay[7].

Tinea australasiella, Don., Gen. Ill. Ins. I. Pl. XL. f. *** (1805)[1]. *Tinea cossuna*, [M'Leay] Lewin's Prodr. Ent. NH. Lp. Ins. NSW. 19, Pl. XVIII. 1–7 (1805)[2]: NH. Lp. Ins. NSW. 19, Pl. XVIII. 1–7 (1822)[3]; Thon's Ent. Archiv, I. 37–8, Pl. III. 9 *a–f* (1827)[4]; Bdv., Fn. Ent. Pacif. voy. l'Astrolabe, I. 265 (1832)[5]; Z. Lin. Ent. VI. 130–1, No. 13 (1852)[6]. *Tinea australasiella*, Wkr., Cat. Lp. Ins. BM. XXVIII. 481 (1863)[7]. *Scardia australasiella*, Meyr., Pr. Lin. Soc. NSW. (2 s.) VII. 521–2, No. 60 (1893)[8].

Types. *australasiella*, Don., Mus. [—?—]; *cossuna*, M'Leay, Mus. [—?—].

Larva. In dead wood [2–4], on lichen on rocks[8]. *Imago* IX–X[8], I[8], IV[8].

Hab. AUSTRALIA. QUEENSLAND—Brisbane [8], Moreton Bay [7]. N. S. WALES—Sydney [2–4, 6–8]. VICTORIA—Ballarat [8], Warragul [8]. S. AUSTRALIA—Kangaroo Id. [8], Port Lincoln [8].

MUS. OXF. One specimen, New Holland (if this came from Francillon's collection it may be Donovan's type); one specimen without locality, from Kirby. [Drnt. Det. 111–112 (1893).]

Walker accords to *australasiella*, Don. (1805), precedence over *cossuna*, M'Leay (1805), but without citing any evidence.

3698. Scardia clathrella, F. & R.

n. syn.=**dicyotis**, Meyr.

Tinea clathrella, F. & R., Reise Nov. Lp. V. Pl. 140. 30 (1875)[1]. *Scardia australasiella*, Meyr., Pr. Lin. Soc. NSW. (2 s.) VII. 521–2, No. 60 *syn. partim* (1893)[2]. *Scardia dicyotis*, Meyr., Pr. Lin. Soc. NSW. (2 s.) VII. 521, 522, No. 61 (1893)[3].

Types ♂ ♀. *clathrella*, F. & R., ♂, Mus. Tring; *dicyotis*, Meyr., ♂ ♀, Mus. Meyr.

Imago. X–XI [3].

Hab. AUSTRALIA [1]. [? = FIJI [1].] W. AUSTRALIA—Albany [3], [King George's Sound. Mus. Wlsm.], Perth [3].

MUS. OXF. One specimen, Swan River (W. Australia). [Drnt. Det. 113 (1893).]

[In 1893 I named this specimen *australasiella*, Don. I am now unable to re-examine it, but it is almost certainly *clathrella*, F. & R.

The figure of *clathrella* is not a good one, but the type agrees with the West Australian species named by Meyrick *dicyotis*. The type is recorded from FIJI, and is so labelled, but as pointed out by Meyrick [2] this is probably an error. [Drnt.]

MACHÆROPTERIS, Wlsm.

MACHÆROPTERIS, Wlsm., Moore's Lp. Ceyl. III. 502 (1887).

3699. Machæropteris receptella, Wkr.

Tinea receptella, Wkr., Cat. Lp. Ins. BM. XXVIII. 479 (1863)[1]; Moore, Lp. Ceyl. III. 500 (1887)[2]. *Machæropteris receptella*, Moore, Lp. Ceyl. III. 502, Pl. 208. 14 (1887)[3]; Swinh. & Cotes, Cat. Moths Ind. 702, No. 4791 (1889)[4].

Type ♂. Mus. Br.

Hab. CEYLON [1–4].

MUS. OXF. One specimen, Ceylon (*Thwaites*, 1872). [Wlsm. Det. 34 (1893).]

There is an unfortunate omission in the first line of the description of *Machæropteris*. 'Antennæ scarcely longer than the head and thorax, simple, with long diverging hairs,' &c., should be corrected to '*Antennæ* scarcely longer than the head and thorax, simple. *Palpi* with long diverging hairs beneath covering the second and third joints, forming conspicuous brush-like tufts.' [Wlsm.]

CIMITRA, Wkr.

CIMITRA, Wkr., Cat. Lp. Ins. BM. XXIX. 779–80 (1864). = *HAPSIFERA, Moore, Lp. Ceyl. III. 498–99 (1887), *nec* Z.

3700. Cimitra seclusella, Wkr.

Cimitra seclusella, Wkr., Cat. Lp. Ins. BM. XXIX. 780 (1864)[1]. *Hapsifera seclusella*, Moore, Lp. Ceyl. III. 499, Pl. 208. 12–13 (1887)[2]; Wrn., Pr. Z. Soc. Lond. 1888, 338 (1888)[3]; Swinh. & Cotes, Cat. Moths Ind. 702, No. 4787 (1889)[4].

Type ♀. Mus. Br.

Imago. I[3].

Hab. INDIA—PUNJAB[4], Campbellpore[3]. CEYLON[1, 2, 4].

MUS. OXF. One specimen, E. India. [Drnt. Det. 44 (1893).]

The neuration of *Cimitra*, Wkr., is very different from that of *Hapsifera*, Z., to which genus Moore erroneously referred *seclusella*; Walker's genus *Cimitra* must be restored to the lists. [Drnt.]

CORYPTILUM, Z.

n. synn. = SIPPHARARA, Wkr. = SAGORA, Wkr.

Type, *α*. **Coryptilum klugii, Z.**

CORYPTILUM, Z., Is. 1839, 181. = SIPPHARARA, Wkr., Cat. Lp. Ins. BM. XXXV. 1821 (1866).

Type, *β*. **Sagora rutilella, Wkr.**

= SAGORA, Wkr., Char. Undescr. Lp. Het. 101 (1869).

3701. Coryptilum klugii, Z.

n. syn. = **euchromiella**, Wkr.; = **repandens**, Wkr., MS.

Coryptilum klugii, Z., Is. 1839, 181[1]. *Sippharara euchromiella*, Wkr., Cat. Lp. Ins. BM. XXXV. 1822 (1866)[2].

Types ♂♀. *klugii*, Z., ♂, Mus. Wlsm.; *euchromiella*, Wkr., ♂♀, Mus. Br.

Hab. JAVA[1, 2]. SUMATRA[2]—[Marang (sea level), VIII–IX (*Doherty*), Padang Rengas (*Doherty*). Mus. Wlsm. CELEBES—Macassar, 500 ft., (*Doherty*). Mus. Wlsm.] GILOLO[2]—[N. Halmaheira (*Bernstein*). Mus. Wlsm. PHILIPPINES. Mus. Wlsm. PERAK—Perak (*Doherty*). Mus. Wlsm.]

MUS. OXF. Two specimens without locality. [Drnt. Det. 36–37 (1893)]; one specimen, MALACCA—Mt. Ophir (*Wallace*), labelled '*Tinea repandens*, no reference.' [Drnt. Det. 3675 (1899)]; one specimen (right wing missing), JAVA; labelled by Walker '*repandens*.' (This is apparently a manuscript name.) [Drnt. Det. 3676 (1899).]

3702. Coryptilum rutilellum, Wkr.

n. syn. **rutilella**, Wkr.; = **triphænoides**, Snell.

Sagora rutilella, Wkr., Char. Undescr. Lp. Het. 101 (1869)[1]. *Coryptilum n. sp.*, Snell., Midd. Sumatra IV. NH. (8), 84 (1880)[2]. *Sagora rutilella*, Moore, Jr. As.

Soc. Bengal LIII. pt. 2, No. 3, 237 (1884)[3]. *Coryptilum triphænoides*, Snell., Tijd. v. Ent. XXVII. 265–6 (1884)[4]; Pgnstchr., JB. Nass. Ver. NK. XXXVIII. 62–3, Pl. II. 10 (1885)[5]. *Sagora rutilella*, Swinh. & Cotes, Cat. Moths Ind. 716, No. 4896 (1889)[6]; Swinh., Tr. Ent. Soc. Lond. 1890, 295[7].

Types ♂ ♀. *rutilella*, Wkr., ♂, Mus. Exeter [*four wings stuck on paper*, Drnt. MS. 118 (25, VII. 1892)]; *triphænoides*, Snell., ♀, *Co-types*, Mus. Pagenstecher and Mus. Leyden.

Imago. II–III[7].

Hab. MALAYSIA. INDIA—Benares[1,6]. [SIKKIM (*Möller*). Mus. Wlsm. ASSAM—Cherra Punji. Mus. Wlsm.] PEGU—Karen Hills[7], [Thandsung, 4,000 ft. (*Doherty*). Mus. Wlsm. TENASSERIM—Tenasserim, Mergui (*Doherty*). Mus. Wlsm. PERAK—Gunong Hijan, Perak (*Doherty*). Mus. Wlsm.] SUMATRA[4,5]—Moeara Laboe[2], [Padang Rengas (*Doherty*). Mus. Wlsm.] NIAS ID.[2,4,5].

MUS. OXF. One specimen, without locality, from the Ashmolean Museum. [Drnt. Det. 35 (1893).]

ALAVONA, Wkr.

ALAVONA, Wkr., Cat. Lp. Ins. BM. XXVIII. 514–5 (1863). = TORNA, Wkr., Cat. Lp. Ins. BM. XXVIII. 517 (1863).

3703. Alavona cossusella, Wkr.

Alavona cossusella, Wkr., Cat. Lp. Ins. BM. XXVIII. 515–6 (1863)[1]: XXXV. 1816 (1866)[2]; Wlsm., Pr. Z. Soc. Lond. 1885, 882 (1886)[3]: 1886, 463 (1886)[4]; Swinh. & Cotes, Cat. Moths Ind. 705, No. 4809 (1889)[5].

Type ♂. Mus. Br.

Imago. V–VII[3].

Hab. INDIA—Nepaul[1], S. Hindostan[2], Poona[3,5], Mhow[3,5], Karachi[5].

MUS. OXF. One specimen, E. India. [Wlsm. Det. 75 (1893).]

3704. Alavona invariella, Wkr.

Torna invariella, Wkr., Cat. Lp. Ins. BM. XXVIII. 517 (1863)[1]; Swinh. & Cotes, Cat. Moths Ind. 706, No. 4819 (1889)[2]. *Melasina invariella*, Meyr., Tr. Ent. Soc. Lond. 1894, 26, No. 29[3].

Type ♂ ♀. Mus. Br.

Hab. INDIA—N. Hindostan[1,2]. BURMAH—Koni[3].

MUS. OXF. Two specimens, E. India. [Wlsm. Det. 76–77 (1893).]

NARYCIA, Stph.

NARYCIA, Stph., Nomencl. Br. Ins. (2 edn.) 118 (1833): Ill. Br. Ent. Mandib. VI. 154 (1836). = XYSMATODOMA, Z., Lin. Ent. VII. 332, 362 (1852). = CŒNACA, Scott, Austral. Lp. I. 26, Pl. IX. (1865). = ŒCOBIA, Scott, Austral. Lp. I. 27, Pl. IX. (1865).

3705. Narycia guildingi, Scott.

= **irrorea**, F. & R.[5]

Conœca guildingi, Scott, Austral. Lp. I. 27, Pl. IX. (1865)[1]; Wkr., Cat. Lp.

Ins. BM. XXXV. 1925 (1866) [2]. *Conœca irrorea*, F. & R., Reise Nov. Lp. V. Pl. 138. 39, 40 (1875) [3]; Rsnstk., Ann. and Mag. NH. (5 s.), XVI. 440 (1885) [4]. *Xysmatodoma guildingi*, Meyr., Pr. Lin. Soc. NSW. (2 s.), VII. 492, 497, No. 18 (1893) [5].

Types ♂ ♀. *guildingi*, Scott, Mus. [—?—]; *irrorea*, F. & R., ♂ ♀, Mus. Tring.

Larva. In case on *Kunzea corifolia* [1], *Leptospermum lanigerum* [1], *Juncus effusus* [1], spring and summer [1].

Hab. AUSTRALIA [5]. N. S. WALES—Ash Id. [1], Sydney [1, 5], Newcastle [5]. S. AUSTRALIA [4].

MUS. OXF. One specimen, without locality, from Kirby, probably N. S. Wales. [Drnt. Det. 93 (1893).]

3706. Narycia stellaris, Meyr.

Narycia stellaris, Meyr., Pr. Lin. Soc. NSW. (2 s.) VII. 492, 493, No. 10 (1893) [1].

Type ♀. Mus. Meyr.

Hab. AUSTRALIA. VICTORIA—Melbourne [1].

MUS. OXF. TASMANIA—One specimen, Van Diemen's Land (Burchell Coll.); two specimens, New Holland. [Drnt. Det. 94-96 (1893).]

APRATA, Moore.

Type. **Aprata mackwoodii**, Moore.

APRATA, Moore, Lp. Ceyl. II. 106–7 (1883); Swinh. & Cotes, Cat. Moths Ind. 83 (1887); Hmpsn., Fn. Br. Ind. Moths, I. 303–4, fig. 208 (1892).

3707. Aprata thwaitesii, Moore.

Aprata thwaitesii, Moore, Lp. Ceyl. II. 107, Pl. 118. 7 ♂, 7 *a*, larva, case (1883) [1]; Swinh. & Cotes, Cat. Moths Ind. 83, No. 488 (1887) [2]; Hmpsn., Fn. Br. Ind. Moths, I. 304 (1892) [3].

Type ♂. (Coll. Moore) Mus. Br.

Larva. In case on *Eugenia* (*Syzygium*) *caryophyllæum* [1].

Hab. CEYLON [1–3].

MUS. OXF. Five specimens, Ceylon (*Thwaites*, 1873). [Drnt. Det. 62-66 (1893).]

CEBYSA, Wkr.

Type. **Cebysa leucotelus**, Wkr.

CEBYSA, Wkr., Cat. Lp. Ins. BM. II. 486 (1854); Swinh., Cat. East. & Austral. Lp. Het. Mus. Oxf. I. 59 (1892).

Type. leucotelus, Wkr.

= PITANE, Wkr., Cat. Lp. Ins. BM. II. 531–2 (1854).

1. *anila*, Moore, (= *lydia*, Don., var.? Wkr.). 2. *leucotelus*, Wkr., (=*dilecta*, Wkr.). 3. *conferta*, Wkr. 4. *mediastina*, Hb. Of these

mediastina, Hb., cannot be regarded as a type, for Walker was unacquainted with this species, only including it in the genus with a '?'.

Wkr., Cat. Lp. Ins. BM. XXXI. 240–1 (1864), removed to the genus *Nepita*, Moore, 1. *anila*, Moore (=*lydia*, var. Wkr.), 3. *conferta*, Wkr., (=*signata*, Wkr.); this action constituted *leucotelus*, Wkr., (=*dilecta*, Wkr.) the type of the genus *Pitane*, Wkr. *Pitane* was described from a ♂, and although the sex of *dilecta* is not mentioned, it is obvious from the description that the type was a ♂.

= SEZERIS, Wkr., Cat. Lp. Ins. BM. XXVIII. 509 (1863).

Type. *leucotelus*, Wkr., (= *conflictella*, Wkr.).

= ŒCINEA, Scott, Austral. Lp. I. 28–9 *partim* (1865).

This genus cannot be maintained for either of the two species placed in it by Scott; *oppositella*, Wkr., (=*felderi*, Scott) being the type of *Sentica*, Wkr., and *leucotelus*, Wkr., (=*scotti*, Scott) the type of *Cebysa*, Wkr.

3708. Cebysa leucotelus, Wkr.

n. synn. = **dilecta**, Wkr.; = **conflictella**, Wkr.; = **scotti**, Scott [5].

Cebysa leucotelus, Wkr., Cat. Lp. Ins. BM. II. 486 (1854) [1]. *Pitane dilecta*, Wkr., Cat. Lp. Ins. BM. II. 532–3 (1854) [2]. *Sezeris conflictella*, Wkr., Cat. Lp. Ins. BM. XXVIII. 509 (1863) [3]. *Œcinea scotti*, Scott, Austral. Lp. I. 29–30, Pl. IX. (1865) [4]; Wkr., Cat. Lp. Ins. BM. XXXV. 1925 (1866) [5]. *Cebysa leucotelus*, Swinh., Cat. East. & Austral. Lp. Het. Oxf. Mus. I. 59, No. 257 (1892) [6].

Types ♂ ♀. *leucotelus*, Wkr., ♀, Mus. Br.; *dilecta*, Wkr., ♂, Mus. Br.; *conflictella*, Wkr., ♂, Mus. Br.; *scotti*, Scott, ♂ ♀, Mus. [— ? —].

Larva. In case on trunks of *Eucalyptus* (Anderson, MS.); [in captivity on *Stellaria media*, dry leaves of *Ficus australis*, &c. [4]], IX [4].

Imago. III (*Anderson*), XI [4].

Hab. AUSTRALIA [2]. N. S. WALES—Sydney [1, 4, 6], Ash Id. [4]. TASMANIA [3, 6]. [VICTORIA—Melbourne (*Anderson*). Mus. Wlsm.]

MUS. OXF. 'a. New South Wales. b. New Holland. c. Van Diemen's Land (4)' [teste Swinhoe [6]].

[Having examined the types of *leucotelus*, *dilecta* and *conflictella*, I am of opinion that they are all one species, and that Walker was correct in regarding *scotti* as a synonym of *leucotelus*. Wlsm.]

NEMATOIS, Hb.

†NEMOTOIS, Hb., Verz. bek. Schm. 416–7 (1826).

3709. Nematois scitulella, Wkr.

Glyphypteryx scitulella, Wkr., Cat. Lp. Ins. BM. XXX. 830 (1864) [1]. *Glyphipteryx scitulella*, Moore, Lp. Ceyl. III. 524 (1887) [2]. *Glyphypteryx scitulella*, Swinh. & Cotes, Cat. Moths Ind. 719, No. 4922 (1889) [3].

Type ♀. Mus. Br.

Hab. CEYLON [1–3].

MUS. OXF. Five specimens, CEYLON (*Thwaites*, 1872; 1877). [Wlsm.

Det. 45–49 (1893).] Two of these specimens are without locality, but they are probably from the same collector.

3710. Nematois indica, Wkr.

Nemotois indica, Wkr., Cat. Lp. Ins. BM. XXVIII. 504–5 (1863)[1]; Swinh. & Cotes, Cat. Moths Ind. 707, No. 4829 (1889)[2].

Type ♂. Mus. Br.

Hab. INDIA—S. Hindostan[1–2].

MUS. OXF. One specimen, Ootacamund (*Minchin*, 1886). [Wlsm. Det. 50 (1893).]

3711. Nematois solstitiella, Wlsm. sp. n.

Antennæ (♂) three times as long as the forewings, basal joint somewhat enlarged; yellowish, with a brown streak above throughout their length. *Palpi* porrect, slender, with a long dependent fringe of hairs below, and a short recumbent fringe above; blackish, the upper surface tinged with yellowish. *Head* hairy, the hairs mixed yellowish and brown above between the closely approximate eyes. *Thorax* brown, mixed with black and coppery scales. *Forewings*: ground-colour pale straw-yellow, thickly sprinkled with purplish brown scales; a short pale yellow dash from the base close to the costa; a pale yellow transverse fascia slightly beyond the middle, wider on the dorsum than on the costa, is somewhat narrowed on the space occupied by the discal cell; this is preceded and followed by narrow bands of purplish brown scales, the inner one being preceded and the outer followed by a golden metallic hue which is continued along the costa to the base, and along the costa and termen to the apex around the base of the purplish brown cilia. *Exp. al.* 13 mm. *Hindwings* and cilia white, shaded with purplish brown at the apex and along the outer portion of the costa, with a strong dash of purplish brown adjacent to the limbus. *Abdomen* black. *Legs* whitish, hind tarsal joints spotted with purplish brown; hind tibiæ clothed with long white hairs above.

Type ♂. Mus. Wlsm.

Hab. INDIA—[Dharmsala (Punjab), (*Hocking*). Mus. Wlsm.]

MUS. OXF. One specimen, Dharmsala (*Hocking*). [Wlsm. Det. 211 (1893).]

3712. Nematois laurella, Newm.

=**orichalcias**, Meyr.

Adela laurella, Newm., Tr. Ent. Soc. Lond. (n. s.) III. 290 (1856)[1]; Wkr., Cat. Lp. Ins. BM. XXVIII. 502 (1863); Meyr., Ann. and Mag. NH. (5 s.) XVII. 530 (1886)[3]: Pr. Lin. Soc. NSW. (2 s.) VII. 484–5 (1893)[4]; *Nemotois orichalcias*, Meyr., Pr. Lin. Soc. NSW. (2 s.) VII. 483, 484–5, No. 2 (1893)[5].

Types ♂ ♀. *laurella*, Newm., Mus. [—?—]; *orichalcias*, Meyr., ♂ ♀, Mus. Meyr.

Imago. XII–III[5].

Hab. AUSTRALIA. N. S. WALES—Bowenfels (3,000 ft.)[5], Sydney[5]. VICTORIA — Melbourne[5], Mt. Alexander[1]. TASMANIA — Launceston[5], Hobart[5]. S. AUSTRALIA—Mt. Lofty[5].

Mus. Oxf. Two specimens, Van Diemen's Land (Burchell Coll.). [Wlsm. Det. 153–154 (1893).]

3713. Nematois topazias, Meyr.

[=**flaviguttella**, Meyr., MS.]

Nemotois topazias, Meyr., Pr. Lin. Soc. NSW. (2 s.) VII. 483, 485–6 No. 3 (1893)[1].

Type ♂ ♀. Mus. Meyr.

Imago. X[1], XII[1], III[1].

Hab. Australia. N. S. Wales—Blackheath (3,500 ft.)[1]. Tasmania — George's Bay[1]. S. Australia—Mt. Lofty[1], Wirrabara[1].

Mus. Oxf. One specimen, New Holland. [Drnt. Det. 152 (1893).]

ADDENDA

GENUS **GARIGA**. Walker: Journ. Linn. Soc., Lond., vii. p. 59 (1864).

278 A. Gariga argentilinea. Pl. VIII. f. 15.

Gariga argentilinea. Walker: l. c.
——————————— xxxiii. 795 (1865).

a. Sarawak, Borneo (type) (Wallace).

363*. Eterusia repleta.

Eterusia repleta. Walker: xxxi. 118 (1864).
Eterusia submarginalis. Swinhoe: Cat. Lep. Mus. Oxon., i. 81. 363 (1892).

a. Cambodia, Siam (type) (Mouhot).

GENUS **CHORSIA**. Walker: Journ. Linn. Soc., Lond., vii. p. 59 (1864).

437 A. Chorsia maculosa. Pl. VIII. f. 23.

Chorsia maculosa. Walker: l. c., p. 60.
——————————— xxxiii. 796 (1865).

a. Sarawak, Borneo (type) (Wallace).

562 A. Nishada tula. nov.

♂ Palpi, antennæ, head and collar black, body and wings yellow, fore-wings with a black band on the outer margin, gradually decreasing in width from the apex to the hinder angle, cilia black, of the hind-wings yellow, blackish towards the apex of the wing: underside same as above; legs black.

Expanse of wings, $1\frac{1}{10}$ inches.

a. Sula (type) (Wallace).

Genus **NOLA**. Leach: Edinb. Encycl., ix. p. 135 (1815).
Rœselia. Hübn.: Verz., p. 397 (1816).
Uraba. Walker: xxviii. 448 (1863).
Manoba. Walker: Journ. Linn. Soc., Lond., vii. p. 62 (1864).
Tribunta. Walker: xxxiv. 1506 (1865).
Lebena. Walker: xxxv. 1901 (1866).
Minnagora. Walker: xxxv. 1902.
Argyrophes. Grote: Bull. Buffalo Soc., i. p. 175 (1874).
Toxoloma. Felder: Reise Nov. Lep., p. 9, pl. 100, f. 16 (1875).
Sorocostia. Rosenstk.: Ann. Mag. N. H. (5), xvi. p. 435 (1885).

613 A. Nola ineffectalis.

Pisara (?) *ineffectalis*. Walker: xxxi. 245 (1864).

a. Sarawak, Borneo (type) (Wallace).

613 B. Nola implens. Pl. VIII. f. 16.

Manoba implens. Walker: Journ. Linn. Soc., Lond., vii. p. 62 (1864).
———— xxxiii. 797 (1865).

a. Sarawak, Borneo (type) (Wallace).

613 C. Nola internella.

Pisara (?) *internella*. Walker: xxxi. 245 (1864).
Rœselia pascua. Swinhoe: P. Z. S., Lond., 1885, p. 293, pl. 20, f. 6.
———— C. and S.: Cat. Moths of India, ii. 104. 640 (1887).
Nola pascua. Hampson: Ill. Typ. Lep. Het., B. M., viii. 4. 100 (1891); ix. p. 88, pl. 175, f. 9 (larva) (1893).
———— Faun. Brit. Ind. Moths, ii. p. 141 (1894).

Type (*pascua*). Poona, in B. M.
a. Sarawak, Borneo (type) (Wallace).

Genus **CACYPARIS**. Walker: xxvi. 1572 (1862).
Ballatha. Walker: xxxiv. 1214 (1865).

620 A. Cacyparis insolitata.

Cacyparis insolitata. Walker: xxvi. 1572.
———— Moore: Lep. Ceylon, iii. p. 441, pl. 198, f. 5, 5*a* (1887).
———— C. and S.: Cat. Moths of India, iv. 528. 3547 (1888).
———— Hampson: Ill. Typ. Lep. Het., B. M., viii. 24. 676 (1891); ix. 15. 324 (1893).
———— Faun. Brit. Ind. Moths, ii. p. 126 (1894).
Ballatha atrotumens. Walker: xxxiv. 1215.

Type. India, in B. M.
Type (*atrotumens*). Ceylon, in B. M.
a. Ceylon (Thwaites). b. Ceram (Wallace).

620 B. Cacyparis prunifera.

Cacyparis prunifera. Swinhoe MS. Hmn.: Ill. Typ. Lep. Het., B. M., ix. 15. 325 (1891).

Cacyparis prunifera. Swinhoe MS. Hmn.: Faun. Brit. Ind. Moths, ii. p. 127 (1894).
———— Swinhoe: Ann. Mag. N. H. (6), xiv. p. 439 (1894).

a. Ceylon (type) (Thwaites).

Genus **SARBENA.** Walker: Journ. Linn. Soc., Lond., vi. p. 137 (1862).

Proneca. Swinhoe: Trans. Ent. Soc., Lond., 1890, p. 294.
Cyphotopsyche. Hampson: Trans. Ent. Soc., Lond., 1895, p. 297.

620 C. Sarbena lignifera.

Sarbena lignifera. Walker: l. c.
———— xxxii. 443 (1865).
Cyphotopsyche ustipennis. Hmn.: l. c.
———— Faun. Brit. Ind. Moths, iv. App., p. 506 (1896).
Proneca ustipennis. Hmn.: Journ. Bo. Nat. Hist. Soc., xi. (3), p. 441 (1898).

Type (*ustipennis*). Bhutan, in B. M.

a. Sarawak, Borneo (type) (Wallace).

Genus **HIASPIS.** Walker: xxxiv. 1188 (1865).

620 D. Hiaspis closteroides.

Hiaspis closteroides. Walker: xxxiv. 1189.

a. Sarawak, Borneo (type) (Wallace).

621*. Earias insulana.

Tortrix insulana. Boisd.: Faun. Ent. Madag., p. 121, pl. 16, f. 9 (1833).
Earias insulana. Swinhoe: l. c.
Acontia xanthophila. Walker: Journ. Linn. Soc., Lond., vii, p. 50 (1864).
———— xxxiii. 782 (1865).

a. Sarawak, Borneo (type *xanthophila*) (Wallace).

Genus **ARIOLICA.** Walker: Journ. Linn. Soc., Lond., vii. p. 53 (1864).

624 A. Ariolica lineolata.

Ariolica lineolata. Walker: l. c.
———— xxxiii. 787 (1865).

a. Sarawak, Borneo (type) (Wallace).

Genus **PARACRAMA.** Moore: Lep. Ceylon, iii. p. 54 (1884).

624 B. Paracrama dulcissima.

Nolasena dulcissima. Walker: Journ. Linn. Soc., Lond., vii. p. 76 (1864).
———— xxxiii. 860 (1865).
———— Moore: P. Z. S., Lond., 1875, p. 606.

Paracrama dulcissima. Moore: Lep. Ceylon, iii. p. 55, pl. 150, f. 11 (1884).
——————— C. and S.: Cat. Moths of India, iii. 297. 1912 (1888).
——————— Hmn.: Ill. Typ. Lep. Het., B. M., viii. 3. 75 (1891); ix. 15. 330 (1893).
——————— Faun. Brit. Ind. Moths, ii. p. 134 (1894).
Paracrama rectomarginata. Hmn.: Ill. Typ. Lep. Het., B. M., viii. p. 46, pl. 139, f. 7.

Type (*rectomarginata*). Nilgiri Hills, in B. M.
a. Sarawak, Borneo (type) (Wallace). b. Ceylon (Thwaites).

624 c. **Paracrama gratissima.**
Nolasena gratissima. Walker: Journ. Linn. Soc., Lond., vii. p. 75 (1864).
——————— xxxiii. 860 (1865).
a. Sarawak, Borneo (type) (Wallace).

GENUS **SATARA.** Walker: xxxi. 160 (1864).

769 A. **Satara æquata.**
Satara æquata. Walker: xxxi. 160.
Type. Celebes, in B. M.
a. Makian, Celebes (3) (Wallace). b. Menado, Celebes (Wallace).

GENUS **BUZARA.** Walker: xxxi. 159 (1864).

848 A. **Buzara chrysomela.**
Buzara chrysomela. Walker: xxxi. 159.
a. New Guinea (type) (Wallace).

GENUS **GOGANA.** Walker: xxxiv. 1219 (1865).

1147 A. **Gogana specularis.** Pl. VIII. f. 32.
Gogana specularis. Walker: xxxiv. 1220.
a. Sarawak, Borneo (type) (Wallace). b. Sarawak (2) (Wallace).

1147 B. **Gogana pustularia.** Pl. VIII. f. 8.
Macaria (?) *pustularia.* Walker: xxiii. 938 (1861).
a. Sarawak, Borneo (type) (Wallace).

GENUS **COSSEDIA.** Walker: xxxiv. 1277 (1865).

1147 C. **Cossedia erateinalis.**
Cossedia erateinalis. Walker: xxxiv. 1277.
a. Sarawak, Borneo (type) (Wallace).

GENUS **DAMNA.** Walker: xxvi. 1570 (1862).

1147 D. **Damna gelidata.**
Damna gelidata. Walker: xxvi. 1570.
a. Sarawak, Borneo (type) (Wallace). b. Singapore (Horsley).

GENUS **SEWA.** nov.

Costa of fore-wings highly arched, apex blunt, hinder margin rounded, hind-wing with the costal margin long and outwardly curved, apex round, outer margin very short and evenly curved: fore-wing with veins 10 and 11 from the cell; 10 anastomosing with 8 and 9 forming an areole: antennæ of male thickened and flattened by appressed serrations.

1147 E. Sewa orbiferata.

Abraxas orbiferata. Walker: xxiv. 1126 (1862).
Macrocilix orbiferata. Hampson: Faun. Brit. Ind. Moths, i. p. 330 (1892).
Argyris insignata. Moore: P. Z. S., Lond., 1867, p. 645.
——————— C. and S.: Cat. Moths of India, ii. 187. 1262 (1887).

Type (*insignata*). Bengal, in coll. Russell.
a. Sarawak, Borneo (type) (Wallace). b. India.

GENUS **ZUSIDAVA.** Walker: xxvi. 1637 (1862).
Emodesa. Moore: Descr. Ind. Lep. Atk., p. 255 (1888).

1147 F. Zusidava tortricaria.

Zusidava tortricaria. Walker: xxvi. 1638.
Emodesa sinuosa. Moore: l. c., p. 256, pl. 8, f. 18.
——————— C. and S.: Cat. Moths of India, iv. 586. 4004 (1888).
——————— Hmn.: Faun. Brit. Ind. Moths, iv. App., p. 475 (1896).

Type (*sinuosa*). Khasia Hills, in coll. Staudinger.
a. Sarawak, Borneo (type) (Wallace).

1179*. Antheræa sciron.

Saturnia sciron. Westw.: P. Z. S., Lond., 1881, p. 143, pl. 12, f. 3.
Antheræa alephostra. Swinhoe: Cat. Het. Mus. Oxon., i. p. 252 (1892).

a. Waigiu (type).

1421*. Heliothis temperata.

Heliothis temperata. Walker: xi. 689 (1857).
——————— C. and S.: Cat. Moths of India, ii. 273. 1738 (1888).
Heliothis succinea. Moore: No. 1421 of this vol.

a. India (type).

1443 A. Agrotis lapidosa.

Graphiphora lapidosa. Walker: xv. 1707 (1858).

a. New South Wales (type).

1564*. Caradrina cilium.

Agrotis infixa. Walker: Journ. Linn. Soc., Lond., vi. p. 186 (1862).
——————— xxxii. 690 (1865).

b. Sarawak, Borneo (type *infixa*) (Wallace).

GENUS **APSARASA**. Moore: P. Z. S. Lond., 1867, p. 665.

1598 A. Apsarasa radians.

Noctua (*Apatela*) *radians*. Westw.: Cab. Or. Ent., p. 58, pl. 28, f. 4 (1848).
Glottula radians. Walker: xv. 1668 (1858).
Apsarasa radians. Moore: l. c.
———— C. and S.: Cat. Moths of India, iii. 279. 1781 (1888).
———— Hampson: Faun. Brit. Ind. Moths, ii. p. 290 (1894).

a. Assam (type) (Jenkins). b. Assam (Jenkins). c. Chantibun, Siam (Mouhot).

1198 B. Apsarasa wallacei.

Apsarasa wallacei. Moore: P. Z. S., Lond., 1881, p. 359.

a. Dorey (type) (Wallace).

1828*. Carea subtilis.

Gonitis extima. Walker: xv. 1794 (1858).

e. China (type *extima*).

1855*. Sypna subsignata. Pl. III. f. 5.

Sypna subsignata. Walker: xiv. 1261 (1858).
Sypna samala. Swinhoe: No. 1855 of this vol.

a. Singapore (type).

GENUS **PREMUSIA**. Walker: xv. 1780 (1858).

1942 A. Premusia intrahens.

Premusia intrahens. Walker: xv. 1780.
Catephia intrahens. Hmn.: Faun. Brit. Ind. Moths, iv. App., p. 533 (1896).

Type. Sarawak, Borneo, in B. M.

a. Sarawak ♂ ♀ (Wallace).

GENUS **HERCHUNDA**. nov.

♂ Palpi curved, upturned, reaching just above vertex of head, smooth, third joint half as long as second, thorax hairy, with upstanding tufts, abdomen hairy, with ridges of hair on the two basal segments, enormous dorsal tufts on the anal segments, and a rather long anal tuft, pectus with long tufts of hairs, legs with fringes of long hairs and stout rather long spurs: hind-wings with a large patch of thickly packed long hairs on the abdominal margin covering the lower half of the margin: fore-wing rather short, apex nearly rectangular, hinder margin rounded: hind-wing with the outer margin evenly curved.

1942 B. Herchunda hirtissima.

Premusa hirtissima. Walker: Journ. Linn. Soc., Lond., vii. p. 173 (1864).
———— xxxiii. 925 (1865).

a. Sarawak, Borneo (type) (Wallace).

2081*. Phyllodes consobrina.

c. Assam (type) (Jenkins).

2134 A. Bœthantha guttulosa. nov. Pl. III. f. 6.

♂ Palpi, head, antennæ, and thorax ochreous brown, inner sides of palpi pale ochreous, a broad bright ochreous band on fore-part of thorax, abdomen blackish brown; fore-wings with a pale ochreous ground colour, so thickly irrorated with brown atoms as to make the whole of the wing ochreous brown, with the exception of the discal portions, where the ochreous ground colour is more or less visible, a black spot above the hinder margin near the angle, and a number of elongated brown smaller spots around and above it, cilia brown; hind-wings blackish brown, with a broad pale ochreous band, narrowing to the anal angle, which it does not reach, cilia pale ochreous.

Expanse of wings, 2 inches.

a. Sarawak, Borneo (type) (Wallace). b. Borneo.

This insect, on which I found Walker's label of *Osca guttulosa*, got inadvertently put as such, in p. 194, No. 2168; it has the shape and appearance of an *Avitta* but the structure and venation of *Bœthantha*. *Osca guttulosa*, Walker, the type of which is in the B. M., is the same as *Rhodoneura pudicula*, Guen., as shown at p. 409, No. 3118.

Genus **ADRAPSA**. Walker: xvi. 169 (1858).
Lusia. Walker: xiii. 1113 (1857) (præocc.).

2187*. Adrapsa titysusalis. Pl. IV. f. 19.

The type is a female; I have lately received a number of both sexes from Sarawak, I find it belongs to the Genus *Adrapsa*.

2492 A. Evarzia ruptaria.

Macaria ruptaria. Walker: xxiii. 937 (1861).

a. Sarawak, Borneo (type) (Wallace).

2730*. Alex palparia. Walker.

a. Sarawak, Borneo (type *nigrozonata*) (Wallace).

3310*. Agrotera barcealis. Walker.

Zanclopteryx (?) *nitida*. Walker: xxxv. 1636 (1866).

d. Sula (type) (Wallace).

The type is a mere fragment, but from the markings on the fore-wing, I feel sure my identification is correct.

Genus **NACOLEIA.** Walker: xix. 934 (1859).
Semioceros. Meyrick: Trans. Ent. Soc., Lond., 1884, p. 318.

3408 A. Nacoleia amphicedalis.

Salbia (?) *amphicedalis.* Walker: xvii. 363 (1859).
Semioceros amphicedalis. Meyrick: l. c.
Nacoleia amphicedalis. Hampson: P. Z. S., Lond., 1898, p. 694.
Isopteryx bilunatalis. Walker: xxxiv. 1316 (1865).

Type (*bilunatalis*). Moreton Bay, in B. M.

a. New South Wales (type). b. E. Australia.

The type is in this Museum, and not in the B. M. as stated by Hampson.

WALKER'S TYPES NOT NOW IN THE OXFORD MUSEUM.

VOL.		
v.	1110.	*Natada basalis.* India. Type lost.
vii.	1748.	*Genduara cinerea.* New South Wales. Type lost (type of Genus).
xiii.	1107.	*Avatha includens.* India (in B. M. referred to by Hampson, Moths, vol. ii. p. 507).
xvi.	194.	*Oglasa lagusalis.* Borneo (in B. M. referred to by Hampson, ii. p. 523).
	361.	*Salbia althealis.* Borneo (in B. M. referred to by Hampson, P. Z. S., 1898, p. 708).
	362.	*Salbia lenalis.* Borneo. Type lost.
	391.	*Endotricha cydippealis.* Borneo. Type lost.
xix.	935.	*Ædiodes bacisalis.* Borneo. Type lost.
xxii.	648.	*Anisodes pustularia.* Borneo. Type lost.
	651.	*Anisodes semicompleta.* Borneo. Type lost.
	666.	*Hyria* (?) *apertaria.* Borneo. Type lost.
xxiii.	1019.	*Pachydia capitata.* India (in B. M. referred to by Hampson, vol. iii. p. 217).
xxvi.	1539.	*Boarmia perfligaria.* Borneo. Type lost.
xxxi.	34.	*Microsila discistriga.* Siam. Type lost.
	228.	*Lithosia syntomoides.* Borneo. Type lost.
	259.	*Dotha ctenuchoides.* Sumatra. Type lost (type of Genus).
	295.	*Spilosoma fusifrons.* South India. Type lost.
xxxii.	335.	*Anthora* (?) *paupera.* Siam. Type lost.
	358.	*Dasychria longipennis.* Borneo. Journ. Linn. Soc., Lond., vi. p. 131 (1862); Type lost.
	361.	*Dasychria longipennis.* Borneo. Type lost.
	441.	*Chadisra bipars.* India. Trans. Ent. Soc., Lond. (3), i. p. 82 (1862) (in B. M. figured by Hampson, vol. i. p. 159).
	467.	*Arunda opponens.* South India. Type lost (type of Genus).
xxxiii.	762.	*Epimecia angulata.* India. Trans. Ent. Soc., Lond. (3), i. p. 88; Type lost.
	772.	*Panemeria lateralis.* India. Trans. Ent. Soc., Lond., p. 89; Type lost.
	782.	*Acontia* (?) *cuprina.* Borneo. Journ. Linn. Soc., Lond., vii. p. 51 (1864); Type lost.
	871.	*Toxocampa* (?) *obliterans.* Borneo. Journ. Linn. Soc., Lond., vii. p. 79; Type lost.

VOL.

xxxiii. 912. *Ptisciana seminivea.* Borneo. The type is in B. M., not O. M. as stated by Walker.

1030. *Lacera sublineata.* Siam. Type lost.

1110. *Ombrea œnochromoides.* Sumatra. Type lost (type of Genus).

xxxiv. 1159. *Herminia circumferalis.* Borneo. Type lost.

1206. *Anitha mundiferalis.* Borneo (in B. M. referred to by Hampson, iv. App., p. 54).

1226. *Pyralis costigeralis.* Sydney. Trans. Ent. Soc. Lond. (3), i. p. 121: though the label is marked Sydney, this insect could not have come from Australia; it is an insect common in the United States of North America.

1261. *Vinzela inaptalis.* Borneo. Type lost (type of Genus).

xxxv. 1632. *Acidalia peractaria.* New Guinea. Type lost.

1637. *Maresia binotata.* Sula. Type lost (type of Genus).

1697. *Eoa spilotata.* Borneo. Type lost (type of Genus).

1890. *Lambula melaleuca.* Sula. Type lost (type of Genus).

1956. *Palleopa innotata.* New South Wales. Type lost (type of Genus).

The following were never in the Hope Collection. They were sold, I understand, by auction after Mr. Saunders' death, purchased by a dealer, and after forty years were recovered by Lord Walsingham; the types of the Micros are now in Lord Walsingham's Collection, and all the other types in the B. M.

xxvii. Out of the 77 species therein mentioned as in Coll. Saunders, the following only are in the O. M. :—

P. 30. *Acrobosis derogatella*, an Epipaschid, my No. 3168.
P. 104. *Orthaga philiasalis*, ,, ,, 3171.
P. 105. *Orthaga pyralisalis*, ,, ,, 3166.

The type of the latter being in O. M., not B. M. as stated by Walker.

xxviii. Out of 28 species none are in O. M.

xxix. ,, 34 ,, ,, ,,

xxx. ,, 14 ,, ,, ,,

xxxv. All 23 species mentioned from p. 1723 to p. 1846 are not in O. M., they belonging to the same sections of Walker's work as those referred to in vols. xxviii. to xxx.

INDEX.

Numerals followed by a letter or by a * are references to the Addenda.

Abaciscus, 2599.
abactalis, 2058.
abavalis, 2214.
abbreviata, 1721.
abdicalis, 3292.
abducalis, 2237.
abhadraca, 2927.
abjectalis, 2253.
abjungalis, 3335.
ablactalis, 3592.
abnegatalis, 3302.
abraxalis, 3289.
Abraxas, 2625.
Abraxinæ, 2622.
abrupta, 2986.
abrupta, 1675.
Absala, 3021.
absconditaria, 2900, 2932.
absistalis, 3414.
absorbens, 2165.
absorpta, 2596.
abstractaria, 2370.
abstrusalis, 3564.
abyssinialis, 2259.
acaciaria, 2555.
acaciusalis, 3115.
Acalla, 3681.
acamasalis, 3342.
Acantholipes, 2013.
acanthusalis, 2171.
acceptrix, 1510.
accessalis, 3301.
accingalis, 2151.
accipitralis, 3443.
acciusalis, 3153.
aceoalis, 3274.
acerrimalis, 3324.
Achæa, 1953.
achæoides, 1853.
Acharana, 3564.
achatina, 1960, 1961, 1966, 3203.
achœalis, 3603.
achœusalis, 3603.
achroiaria, 2744.
Achrosis, 2367.
acidalaria, 2926.
Acidalia, 2918.
acidaliaria, 1690.
Aciptilia, 3622.
acmonalis, 2175.
acmophora, 1575.
Acontia, 1647.
acontialis, 3177.
Acontiidæ, 1599.
Acrapex, 1595.
acrobasalis, 3190.
Acronycta, 1531.
acronyctoides, 1765, 1939.
acronyctoides, 1905.
Acropolitis, 3686.
Acropteris, 2307.
actæa, 1842.
Actenioides, 3220.
Actenochroma, 3022.
Actinotia, 1575.
actiosaria, 2921.
actoralis, 3234.
actorionalis, 3504.
actorisalis, 2197.
actuaria, 2899.
aculealis, 3300.
aculeata, 3094.
aculeata, 2313.
acuta, 2936.
acutalis, 3453.
acutalis, 3131.
acutaria, 2488.
acutata, 2022.
acutipennis, 3127.
acutissima, 3094.
Addæa, 3137.
adductalis, 3433.
Adelomorpha, 3625.
Adena, 3585.
adhæsalis, 3259.
adipalis, 3346.
Adisura, 1418.
adjectella, 3676.
adjudicataria, 2314.
adjuncta, 2105.
adjutaria, 2292.
admensalis, 3571.
admetalis, 1626.
admigratella, 3146.
admissaria, 2569.
admixtalis, 3257.
adonata, 2818.
Adrapsa, 2187*.
Adris, 2085.
adspersata, 2310.
adusta, 1577, 1991.
adustaria, 2497.
adustata, 2634.
advocataria, 2317.
æacusalis, 3190.
æclusalis, 3259.
Ædia, 1939.
Ægeriadæ, 3623.
Ægilia, 1789.
ægimiusalis, 3272.
ægrota, 2697.
ægrotalis, 3570.
æmula, 2360.
ænealis, 3437.
ænescens, 1736.
æqua, 1699.
æqualis, 3282.
æqualis, 1688.
æquata, 769 A

æquilinea, 1798.
æquilinearia, 2701.
æquilineata, 2766.
ærata, 2354.
ærifera, 2103.
æriferata, 2885.
ærosa, 1794.
ærosa, 1891.
Æthaloëssa, 3337.
ætherialis, 3157.
Ætholix, 3312.
æthopa, 3188.
affinialis, 3228.
affinis, 2013, 2368.
affinitalis, 3577.
afflictalis, 3339.
afflictaria, 2401.
afralis, 3245.
Agabra, 1553.
Agathia, 3039.
Agathodes, 3469.
agens, 2120.
aggregata, 2800.
Aginna, 2189.
Aglaops, 3592.
aglossoides, 1914.
agnes, 2914.
Aguibesa, 2880.
Agonista, 1895.
agramma, 2114.
agrealesaria, 2397.
agrionides, 2637.
Agrophila, 1628.
agropoides, 1940.
Agrotera, 3305, 3310*.
Agrotis, 1436, 1443 A.
aimylusaria, 2419.
ainaria, 2712.
ajaia, 2735.
ajaia, 2457.
Alamis, 1930.
Alana, 2412.
alarioides, 1427.
Alavona, 3703.
albannularia, 2930.
albatalis, 3110.
albescens, 1530, 1715.
albiangularia, 3039.
albibasis, 2560.
albicans, 3287.
albicaudalis, 3555.
albiceps, 3089.
albicillalis, 3531.
albicincta, 1886.
albicincta, 1930.
albicinctalis, 1700.
albicinctaria, 3073.
albicola, 1906.
albicollis, 3668.
albicosta, 3083, 3637.
albicostata, 2923.
albida, 1761.
albidalis, 2146, 3612.
albidaria, 2287, 2610.
albidilinea, 1482.
albifascia, 1877.
albifascialis, 3299.
albifascies, 3679.
albiferalis, 3126.
albifrons, 3404.
albifusaria, 3013.
albigirata, 2819.
albinota, 1501.
albiplaga, 2771.
albipunctata, 2400.
albirenella, 3151.
albisigna, 2251.
albisparsa, 1538, 3089.
albistriga, 1942.
albitarsella, 3622.
albitibia, 1809.
albitibia, 1810.
albivertex, 2953.
albivitta, 1960.
albocilliata, 3378.
albocincta, 1967.
albocostaria, 3063.
albodentata, 1800.
albofascia, 2496.
albofimbriata, 3669.
alboguttata, 2680.
albolunata, 2172.
albomacularia, 2401.
albomaculata, 1494.
albonotaria, 2425.
albopunctata, 1934, 2410.
albosignata, 2199.
albosparsa, 1762.
albostrigaria, 2883.
albotentata, 2223.
alboundulata, 3049.
alboviridis, 3046.
albovittata, 1503.
Alcis, 2555.
alconalis, 3536.
alectoraria, 2744.
Alelimma, 2204.
alephostra, 1179*.
Aletia, 1577.
aleuca, 1787.
Alex, 2730, 2730*.
alfenusaria, 2458.
Algedonia, 3599.
algidaria, 2743.
algira, 1960, 1961.
aliena, 1998.
aliena, 1539, 1923.
alienalis, 3247.
alienaria, 2942.
alienaria, 2555.
alienata, 2380.
Alimala, 1559.
alix, 1878.
allalis, 3220.
Allata, 3164.
alliciens, 2096.
allogata, 2502.
allongata, 2502.
almaria, 3011.
Almonia, 3253.
alope, 1950.
Alotsa, 1781.
alphea, 1420.
alpheusalis, 2202.
alphitias, 1489.
alsusalis, 2192.
alterna, 2021.
alternatella, 3656.
althealis, 3358, 3426.
Alucita, 3622.
Alutefa, 3282.
amabilis, 1671.
amænalis, 3459.
Amana, 2273.
amanda, 1923.
amasa, 2466.
amata, 1649.
amataria, 2957.
amathealis, 3311.
Amathes, 1447.
Ambia, 3235.
ambigua, 1446.
Amblothridia, 3660.
Amblychia, 2523.
amboinæ, 1755.
amboinalis, 3553.
amelia, 2823.
Amelora, 2394.
amica, 2236.
ammonia, 2032.
Amorphozancla, 2380.
amphicedalis, 3408 A.
Amphigonia, 2057.
Amphipyra, 1465.
amphitritalis, 3485.
amphusalis, 2208.
ampla, 2576.
ampliatalis, 3334.
amplicata, 2832.
amplificata, 2839.
amplipennis, 3373.
Amraica, 2507.
Amrella, 1757.
amygdalis, 1975.
Amyna, 1542.
amyntoralis, 2157.
amyntusalis, 3463.
Anachloris, 2803.
anædina, 1532.
anaitisaria, 2915.
analis, 1963, 3378.
Analthes, 3355.
Analyta, 3531.

Anania, 3600.
anargyra, 2115.
anastomosalis, 3546.
Anatropia, 3688.
Ancara, 1512.
ancilla, 1983.
ancilla, 2086.
Ancylolomia, 3152.
ancylosema, 3130.
andamana, 2719, 2985.
andamanalis, 3436.
Andragrupos, 2918.
Androgyne, 3674.
aneituma, 1439.
Aneurithina, 2000.
anfractuosa, 2022.
angeronaria, 2523.
Angonia, 3221.
angulifascia, 3402.
angulifera, 1941, 2101, 2273, 2422.
angulifera, 1677.
anguligera, 2776.
angulilinea, 2316.
angulipalpis, 1868.
angulipennis, 2227.
angulosa, 2350.
angustalis, 2237, 3299.
anialis, 3247.
Anigræa, 1806.
anigrusalis, 3349.
anila, 3708.
Anisephyra, 2930.
Anisoctena, 3347.
Anisodes, 2933.
Anisogamia, 3067.
Anisoneura, 1874.
Anitha, 2215.
annulata, 3489.
annuligeralis, 3456.
anomioides, 1815.
Anomostictis, 3339.
Anonychia, 2384.
Anophia, 1939.
anops, 1879.
Anoratha, 2228.
Ansa, 1848.
Antasia, 2704.
antecedens, 1920.
antecedens, 2160.
Anteia, 2313.
Antheræa, 1179*.
Anthophila, 1671.
anthophilata, 2968.
anthracinata, 2796.
anthracitaria, 2516.
anthyalus, 1802.
Anthyria, 2888.
antica, 1577, 1931.
anticalis, 3132.
Anticlea, 2823.
Antigastra, 3579.
antipodaria, 2535.
Antitrygodes, 2961.
Anuga, 1768.
Anydraula, 3232.
anysa, 1901.
aonisalis, 3322.
apamaria, 2500.
Apanda, 2248.
aperta, 3071.
apertalis, 3572.
Aphytoceros, 3557.
apicalis, 1543, 1719, 1925, 1936, 1998.
apicalis, 1848, 1943, 2669.
apicata, 2426, 2448.
apicatus, 2439.
apirtha, 1800.
aplectaria, 2504.
Aplectoides, 1464.
Aplochlora, 2340.
Aplographe, 3599.
Aplomastix, 3415.
Aporandria, 3060.
Aporocosmus, 3618.
Aporodes, 3618.
appendiculata, 3676.
Apphadana, 2017.
appollinaria, 2964.
approximans, 3215.
approximata, 2805.
approximata, 1780.
Aprata, 3707.
apricans, 1749.
aprobolum, 3678.
Apsarasa, 1598 A.
aptalis, 3229.
aptalis, 3345.
Apurima, 3155.
aquamarina, 3050.
aquatilis, 3552.
aquilaria, 2400.
aquilaria, 2404.
Aquis, 1762.
aquosalis, 3472.
aquosata, 2850.
arabella, 3649.
Aræognatha, 2130.
Aramuna, 2008.
Arasada, 1702.
Araxates, 3150.
Araxes, 3146.
Arbasera, 1596.
Archernis, 3540.
archesia, 2018.
Archiplutodes, 2342.
Archips, 3683.
archon, 2089.
Arcilasisa, 1591.
arctalis, 3438.
arctandalis, 3178.
Arcte, 1945.
arctotænia, 1962.
arcuata, 1971.
arcuata, 1819.
ardealis, 3228.
arefacta, 2043.
arenacea, 2535.
arenosa, 2217.
arenosaria, 2933.
Argadesa, 2085.
argentata, 3149, 3152.
argentata, 1615.
argentifera, 2106.
argentifusa, 3058.
argentilinea, 278 A.
argentilineata, 2820.
argentispila, 2934.
argentuosalis, 3245.
argialis, 2261.
argillacea, 3249.
Argiva, 1889.
Argyris, 2963.
Argyrophes, 613 A.
Argyrothripa, 1739.
Arhodia, 2689.
Arichanna, 2613.
arida, 2436.
Ariola, 1728.
Ariolica, 624 A.
Aripana, 3291.
Arippara, 3217.
aristifera, 1438.
aristonaria, 2385.
armatalis, 2218.
armigera, 1419.
arnearia, 2386.
Arothrophora, 3682.
Arsinoë, 2803.
artaxoides, 1426.
Artena, 1991.
Arthisma, 1816.
Arthroschista, 3472.
Artigisa, 1936.
aruensis, 2664.
Arxama, 3222.
arybasa, 2672.
Arycanda, 2647.
arycandata, 2651.
Ascotis, 2554.
ashworthana, 3684.
asialis, 3427.
Asinduma, 1739.
Asopia, 3201.
aspersa, 1869.
aspersa, 1483.
Aspilates, 2417.
assata, 2810.
associata, 2018.
Asta, 2167.
Astacuda, 2555.
Asthala, 2195.

Asthena, 2882.
astheniata, 2296.
astomalis, 3341.
Astura, 3446.
Astygisa, 2406.
Atacira, 1780.
athemonalis, 2138.
atkinsoni, 1530.
atkinsoni, 1418.
atlitalis, 3478.
atra, 1452.
atrapex, 2180.
atriceps, 1690.
atricærulea, 2655.
atrigenalis, 3608.
atrilineata, 2598.
atriplena, 2796.
atriplicis, 1499.
atristriga, 1584.
atrivitta, 1862.
atronivea, 2521.
atrosignata, 3631.
atrostigmella, 3154.
atrostipata, 2568.
atrotumens, 620 A.
atrovirens, 1472.
atroviridis, 2852.
attacicola, 2061.
attacta, 2596.
Attatha, 2024.
attentata, 2897.
Atteva, 3660.
attracta, 2536.
attributa, 2597, 2926.
Atychia, 3676.
Auaxa, 2420.
Aucha, 1471.
Auchmis, 1592.
auragoides, 1813.
aurantia, 2090.
aurantiaca, 2061, 3630.
aurantiacalis, 3442.
aurantiacaria, 2353.
aurantialis, 3318.
aurantiaria, 2833.
aurata, 2476, 2789.
aurea, 3442.
aureata, 2476.
aureliata, 2740.
aureocuprea, 3666.
aureola, 1431.
aureolalis, 3595.
aurifera, 2103.
auriflamma, 2682.
auriflua, 3156.
aurifusalis, 3604.
aurigera, 1500.
aurigutta, 1722.
aurinata, 2675.
auripalpis, 1667.
auripicta, 2121.
auripicta, 1478.
auriplena, 1498.
aurolinealis, 3459.
aurosus, 3150.
Ausinza, 1694.
australasiæ, 2656.
australasiaria, 2520.
australasiella, 3697.
australiaria, 2500.
australina, 3113.
Autallacta, 2880.
Autoba, 1671.
Automala, 1727.
auxialis, 3531.
Auxima, 2697.
Auxomitia, 3366.
Auzea, 2306.
Auzeodes, 2334.
Avatha, 1994.
aventiaria, 2959.
aversa, 2808.
aversalis, 3583.
aviata, 2499.
avicularia, 3096.
Avitta, 2167.
avitusaria, 2482.
aviusalis, 2141.
Axinoptera, 2871.
axis, 2841.
Axylia, 1447.
Azata, 2477.
Azazia, 2042.

baba, 3022.
baccaliæ, 1678.
baccalix, 1678.
baccata, 2783.
Bacotoma, 3334.
Badausa, 2248.
badialis, 3492.
Badiza, 2192.
Bagada, 1636.
Bagistana, 1748.
bajula, 2668.
bajularia, 2668.
Balanotis, 3177.
baliata, 2473.
Ballatha, 620 A.
balteata, 3637.
balteata, 3442.
bambusæ, 3626.
Bamra, 1901.
Bandobena, 2669.
Baniana, 2004.
Banisia, 3115.
Bankia, 1619.
Bantana, 1761.
Bapara, 3145.
Bapta, 2338.
baptalis, 3294.
Barasa, 1765.
barbara, 1420.
barbara, 2656.
Barbesola, 1562.
barbipennis, 1669.
barcalis, 3348.
barcealis, 3310, 3310*.
bareconia, 2807.
Bargosa, 2406.
Bariana, 1763.
basaliata, 3056.
basalis, 1808, 2212.
basalis, 1742, 2051, 3277, 3572.
basalticalis, 3373.
basialbana, 3683.
basiclavis, 1459.
basiflavata, 3019.
basiguttaria, 2305.
basinotata, 1439.
basinotata, 3306.
basipunctalis, 3456.
basiscripta, 2145.
basisignum, 1997.
basisparsata, 2756.
basistriga, 1451, 2679.
basistrigalis, 2248, 3568.
basistrigaria, 2609.
bastialis, 3135.
Batodes, 3690.
Batracharta, 1845.
Beana, 1926.
beata, 2815.
Bejuda, 3209.
Belciana, 1926.
Belenopholis, 3176.
bellicosa, 2979.
bellona, 2990.
bellonaria, 2991.
belluaria, 2641.
bendoides, 2039.
bengaliaria, 2514.
Beregra, 1948.
Beria, 3218.
bernsteiniella, 3625.
bernsteinii, 2983.
Berresa, 1547.
Berta, 3102.
Bertula, 2201.
Bessara, 1818.
Betharga, 3670.
Betousa, 3114.
bhurmitra, 2542.
biangulifera, 2755.
biannulalis, 3252.
bianoralis, 3411.
biasalis, 2216.
bicaudata, 2289.
bicolor, 2095, 3507.
bicolora, 1633.
bicolorata, 2880.
bicomma, 1457.

biconica, 1438.
bifacies, 1773.
bifaria, 2006.
bifasciata, 2018, 2032, 2101, 3087.
bifasciata, 2301.
biformis, 1929.
bifurcalis, 3328.
bigutta, 2638.
bijungens, 2209.
bilinearia, 2436.
bilineata, 2276.
bilineolalis, 3298.
bilineosa, 2086.
bilunatalis, 3408 A.
bimacula, 1571.
bimacula, 1597.
bimaculana, 3653.
bimaculata, 2952, 3623.
bimaculata, 3516.
bimaculella, 3653.
bimarginata, 2184, 2721.
binexata, 2367.
binorbiculata, 2152.
binotalis, 3534.
binotata, 2292.
binotata, 2982.
bioculalis, 1665.
biocularis, 1860.
bipars, 1540.
biplaga, 1597, 3074.
biplagiata, 2291.
bipunctalis, 3570.
bipunctata, 1707.
Birthana, 3641.
bisectalis, 1685.
bisignata, 1539, 2263, 2800.
bisignata, 2133, 3155.
bistonalis, 3212.
bistonaria, 2512.
bistrigalis, 3391.
bistrigulalis, 3251.
bitæniaria, 2519.
Bithia, 2458.
Bithiasa, 2194.
Bithiodes, 2458.
bivitralis, 3506.
bivittalis, 3519.
bivittata, 3137.
bivittata, 1430, 3112.
Bizarda, 2667.
Blabophanes, 3695.
blandiella, 3628.
Blenina, 1757.
Blepharoctenia, 2512.
Blepharomastix, 3415.
Bleptina, 2200.
blitealis, 3580.
boaria, 2494.
Boarmia, 2555.
boarmiaria, 2545.
Boarmiidæ, 2318.
Boarmiinæ, 2507.
boarmoides, 1912.
boarmioides, 1654.
Bocana, 1889.
Bocana, 2194.
bocanidia, 2133.
Bocchoris, 3339.
Bociraza, 2729.
Bocula, 2006.
Bœthantha, 2133, 2134 A.
boisduvalaria, 3070.
bolina, 2495.
bolinoides, 1787.
bolinoides, 2044.
bombycaria, 2399.
Bomolocha, 2248.
boopis, 1882.
bootanalis, 3339.
Boralia, 1577.
Borbacha, 2366.
Borbotana, 1561.
Bordeta, 2659.
Borkhausenia, 3654.
bornealis, 3322.
Borsippa, 2006.
Bosara, 2871.
Bostra, 3217.
boteralis, 3455.
botydalis, 3318.
botydaria, 2359.
botydata, 2635.
Botyodes, 3427.
Bracca, 2668.
Brachybasis, 2274.
bractealis, 3209.
bractearia, 2353.
bracteigutta, 1725.
bracteolalis, 3301.
bractiatella, 3202.
Brada, 1822.
Bradina, 3254.
Brana, 1951.
brassicæ, 1482.
braurealis, 3341.
breta, 2550.
brevipalpis, 1913.
brevipalpis, 2260.
Brevipecten, 1717.
breviuscula, 1443.
breviusculata, 2485.
Briarda, 1919.
Brihaspa, 3154.
Brixia, 3115.
brizoalis, 3157.
brœsialis, 3593.
brontesalis, 2205.
brunnea, 1815.
Bryophila, 1605.
bubo, 1994.
buffalaria, 2707.
bubo, 1882.
bulla, 1679.
Bulonga, 2457.
Burdria, 1787.
Burichura, 2554.
Bursada, 2671.
Burtina, 2670.
butesalis, 2189.
butyrina, 3451.
Buxeta, 3665.
Buzala, 3209.
Buzara, 848 A.
Buzura, 2509.
Bylazora, 2537.
Bytharia, 2728.
Byturna, 2172.

caberalis, 3291.
cabiralis, 3291.
Cacœcia, 3683.
Cacamoda, 3033.
cacavena, 2498.
caconalis, 3162.
Cacyparis, 620 A.
Cadarena, 3481.
Caduca, 1934.
caduca, 2151.
Cædesa, 1937.
cælonota, 2120.
cænealis, 2190.
cæneusalis, 2190.
cærulea, 1944.
cæsalis, 3513.
cæsella, 3146.
cajeta, 2085.
calamaria, 1426.
calamina, 2449.
calamistrata, 1878.
Calamochrous, 3586.
Calarina, 3151.
calcearia, 2435.
calcinata, 3067.
Calduba, 1783.
caldusalis, 3429.
calefaciens, 1980.
calena, 1757.
calescens, 2860.
Calesia, 2128.
Calesiinæ, 2126.
caletoralis, 3556.
Calicha, 2555.
Calicula, 1848.
calida, 1490.
calidalis, 3338.
caligata, 2931.
caliginosa, 1528, 2226.
Calindœa, 3115.
Calinipaxa, 3169.
Callabraxas, 2834.
Callænia, 1530.
Calleremites, 3022.

Callerinnys, 2393.
Calletaera, 2470.
callichlora, 2799.
callicrossa, 2563.
Callocasta, 2604.
callopisma, 3668.
Callyna, 1708.
Calocalpe, 2774.
Calogramma, 1541.
calopasa, 1951.
Caloptera, 2963.
calorifica, 1999.
Calothysanis, 2957.
Calpe, 2094.
Calpinæ, 2094.
Calyptra, 2094.
Cambogia, 2888.
camillalis, 3336.
camillusalis, 3336.
campana, 1996.
Camptogramma, 2883.
camptogrammaria, 2360.
Camptomastyx, 3284.
camptosigma, 1645.
cana, 1765.
Canæa, 3115.
canalis, 3260.
canata, 2855.
cancellalis, 3537.
cancellata, 3111.
candida, 1596.
candidalis, 3137.
candidaria, 2290.
canescens, 1449, 1768, 2309.
canidorsata, 2589.
canipsa, 3175.
Canna, 1599.
Canonistis, 2732.
canorufa, 1493.
canthusalis, 3511.
capacior, 1926.
Capasa, 2367.
capella, 1950.
capensis, 3132, 3515.
capitata, 2704.
capitata, 2408.
Capnodes, 2159.
Capotena, 1822.
Caprilia, 2386.
Caprima, 3668.
caprimulgata, 2536.
caprimulgus, 1890.
Caprinia, 3364.
captata, 1717.
captatus, 1717.
captiosalis, 2212.
Capua, 3690.
capularis, 1455.
Caradrina, 1562, 1564*.
caradrinalis, 3379.
caranea, 1893.
Caranilla, 1960.
Carbia, 2860.
carbo, 1772.
Cardalena, 2198.
Cardamyla, 3208.
Carea, 1828, 1828*.
carenaria, 3069.
Carige, 2763.
Carima, 2753.
carinentalis, 3208.
Carissa, 1845.
carissima, 3042.
Carmara, 1694.
carnea, 3646.
carnearia, 2945.
carnipennis, 1486.
Carteia, 2009.
caseata, 2307.
cassalis, 3459.
cassiusalis, 2203.
cassusalis, 3459.
Cassyma, 2472.
castalia, 2076.
castanea, 2431.
castanealis, 2255.
castanearia, 2440.
castoralis, 3598.
Castorura, 3658.
Cataclysta, 3232.
Catada, 2225.
catalaunalis, 3579.
Catamola, 3182.
Catascia, 2534.
catastreptes, 2856.
catena, 1622.
catenaria, 2802.
catenaria, 3040.
catenata, 1936.
Catephia, 1937.
Catephiinæ, 1937.
catephioides, 1776.
catilla, 1953.
Catocala, 1839.
Catocalinæ, 1834.
catocaloides, 1754, 1852.
Catoria, 2555.
caudaria, 2302.
caudata, 2302
caudiferaria, 2298.
caudularia, 3100.
Cauninda, 2018.
caustolomaria, 2389.
Cebysa, 3708.
Celæna, 1537.
celata, 3006.
celata, 2432.
celatalis, 3605.
celataria, 3052.
celebensis, 3079.
Celenna, 2367.
celenoalis, 2154.
Celerena, 2718.
Celesdera, 2380.
celsalis, 3489.
celtis, 1734.
ceneusalis, 1559.
Cenocnemis, 3479.
centralis, 1493.
cephise, 2023.
cephusalis, 1544.
Cerace, 3673.
ceramata, 2309, 2467.
ceramochra, 3249.
cerasina, 2928.
Ceratorhynchus, 2851.
Cerbia, 1901.
cerea, 1797.
cerealis, 3525.
cereinalis, 3172.
ceres, 1568.
certaria, 2774.
certaria, 2279.
certata, 2774.
certior, 1959.
cerussina, 2918.
cervina, 1819, 2440.
cervinalis, 2240.
cervinaria, 2795.
cervinata, 2774.
Cerynea, 1686.
cesadaria, 2420.
cessaria, 2544.
Cetola, 1834.
cetraria, 3015.
ceylonica, 2430.
ceylusalis, 1763.
Chabula, 3339.
chacoraca, 2406.
Chaduca, 1805.
Chærecla, 3148.
Chaladra, 1821.
Chalcidoptera, 3360.
chalciptera, 2032.
chalcoptera, 1466.
chalinota, 3255.
chalsytoides, 2120.
chalybæa, 1796.
chalybea, 1800.
chalybeata, 1522, 2334, 2975, 3032.
Chalyboclydon, 2887.
chalybsa, 1780.
champa, 1835.
Chandata, 1490.
chandubija, 2406.
Charema, 3377.
charesalis, 3422.
Chariclea, 1425.
Charitoprepes, 3303.
charmione, 1420.
charon, 2522.
Chasmina, 1596.

Checupa, 1519.
chemista, 2066.
Chera, 1447.
Chimæra, 3676.
Chiripha, 1521.
chironalis, 3354.
Chizala, 2397.
Chloauges, 3481.
chlora, 3005.
chlorargyra, 3065.
chloraria, 3005.
chlorea, 1949.
Chlorochroma, 3068.
Chloroclystis, 2852.
Chlorodes, 3070.
Chlorodontopera, 3031.
Chlorostrota, 3046.
chlorozonaria, 2960.
Chlumetia, 1766.
Chnaura, 3337.
Choara, 2426.
Chobera, 3548.
Chodda, 2013.
Chogada, 2555.
Cholimma, 1684.
Choluata, 1561.
Chora, 1828.
choreutalis, 3287.
Chorodna, 2526.
Chorsia, 437 A.
christophi, 2769.
chromataria, 2430.
chrysargyria, 3149.
chrysauge, 2725.
Chrysaugidæ, 3184.
Chrysendeton, 3232.
chrysippusalis, 3229.
chrysitina, 2103.
chrysochlora, 1759.
Chrysochloroma, 3096.
Chrysocraspeda, 2927.
chrysographella, 3152.
Chrysolene, 2924.
chrysolineata, 3102.
chrysomela, 848 A.
Chrysommatodes, 3540.
chryson, 2103.
Chrysopera, 1952.
chrysoplasta, 3459.
chrysopotoma, 3650.
Chrysoryctis, 3694.
chrysotoxa, 3655.
Churia, 1819.
Chutapa, 1490.
Ciasa, 1789.
cicatricosa, 3326.
Cidaria, 2783.
cidariaria, 2850.
cidarioides, 2261.
ciliata, 1898.
ciligera, 1538.
cilipes, 1931.
cilium, 1564, 1564*.
Cimitra, 3700.
cincta, 2666, 3099.
cincta, 3272.
Cindaphia, 3591.
cineracea, 2130, 2576.
cineraria, 2797.
cineratia, 2130.
cinerea, 2143.
cinerea, 2760.
cinerealis, 3147.
cinerearia, 2818.
cinereata, 2825.
cingala, 2785.
cingalesa, 3313.
cingularis, 2037.
ciniferalis, 3610.
ciniferaria, 2310.
cinnamomealis, 3185.
circumdatalis, 3247, 3368.
circumdatus, 2013.
circumscripta, 2190.
circumsignata, 1974.
cirralis, 3361.
Cirrhochrista, 3157.
Cisse, 3209.
Cistidia, 2636.
citrina, 2327.
citrolimbaria, 3068.
clandestinata, 2777.
clara, 2633.
clara, 2351.
claralis, 3487.
clararia, 2539.
clarissima, 2667.
clarissima, 2298.
Claterna, 2056.
clathrella, 3698.
clathrula, 3119.
clathrum, 2064.
clausaria, 2431.
clavifera, 2171.
clavipalpis, 3353.
clelia, 2396.
cleliaria, 2396.
cleobisalis, 2212.
cleoraria, 2906.
clerota, 3644.
Clethrophora, 1817.
Clettharra, 1743.
Clina, 1803.
clioalis, 3392.
clioalis, 3398.
Cloantha, 1592.
closteroides, 620 D.
Clupeosoma, 3283.
clytia, 2059.
clytialis, 3461.
clytusalis, 3461.
Cnaphalocrocis, 3324.
coccinea, 3691.
c. nigrum, 1458.
coclesalis, 3599.
coctata, 2634.
Cocytodes, 1944.
Cœcila, 1768.
cœlatalis, 3575.
cœlatalis, 3307.
cœlataria, 3077.
cœlisigna, 1728.
cœlivagata, 2746.
cœlonota, 2120.
Cœnaca, 3705.
Cœnocalpe, 2775.
cœnosa, 3648.
Cœnostola, 3380.
coffearia, 3690.
cognata, 1991.
cognata, 1563, 2262, 2588.
cohærens, 2066.
cohæsalis, 3432.
Colbusa, 2032.
collaris, 1457, 3272.
collecta, 1581.
colligata, 1808.
colligens, 1993.
Collix, 2778.
colomboensis, 3457.
colorata, 2563.
columalis, 3527.
columbaris, 2237.
columbicola, 2329.
comalis, 3534.
combinans, 1811, 1952.
Cometura, 3251.
comitata, 1923.
comma, 1457.
commoda, 1811.
commoda, 2178.
commutata, 2720.
comosa, 2128.
Comostola, 3066.
compactaria, 2558.
compar, 2022.
comparana, 3681.
comparataria, 2612.
complana, 3143.
complens, 1995.
complexa, 1768.
complexa, 3142.
complicataria, 2529.
composita, 1525.
compositata, 2620.
comprensata, 2454.
compsogramma, 3400.
Compsophila, 3533.
comptaria, 2957.
comptosigma, 1645.
concatenalis, 3440.
conchiferata, 2286.
conchylalis, 3363.

concisa, 2044.
concisalis, 2188, 3275.
concisiplaga, 3045.
conclusalis, 3505.
concolor, 3610.
concoloralis, 2190.
concors, 2017.
concubia, 1839.
concursaria, 2561.
Condega, 3372.
condita, 1994.
conducens, 2120.
conducta, 1493.
conductaria, 2426.
confecta, 1504.
conferta, 1419, 3708.
conferta, 2629.
conficiens, 1965.
confinis, 3480.
confirmata, 2048.
confixalis, 3350.
conflagrans, 3665.
conflictaria, 2284.
conflictella, 3708.
confluaria, 2714.
confluens, 1784.
confuciaria, 3057.
confundens, 1507.
confusa, 2067, 2584.
confusa, 2107.
confusata, 2853.
congenita, 2032, 3069.
congenitalis, 3358.
conglobatalis, 3365.
congregata, 1454, 1923, 2800.
congressa, 1923.
congressata, 2800.
congrualis, 3631.
congruaria, 2968.
conjunctalis, 3350.
conjunctalis, 3353, 3510.
connexa, 2722.
Conogethes, 3387.
consanguinea, 2824.
consanguis, 1533.
consanguis, 1477.
consentana, 1557.
consignata, 1474.
consimilalis, 3449.
consobrina, 2081, 2081*.
consocia, 3641.
consocialis, 3503.
consociana, 3683.
conspicienda, 1772.
conspicillator, 2079.
conspicillatrix, 2079.
conspicua, 1877.
conspicua, 3661.
conspurcata, 1436.
constellata, 1752.
constricta, 1768.
consueta, 2042.
contaminata, 1463.
contectaria, 2561.
contectaria, 2515.
contenta, 1959.
contentaria, 1686.
contigaria, 2462.
contiguata, 2562.
contingens, 1655.
continua, 1930.
continua, 1729, 2451, 2670.
continuaria, 2731.
contracta, 3052.
contracta, 1915.
contractata, 2935.
contraria, 1752.
contraria, 1815, 2979.
contrariata, 1716.
contrariata, 2931.
conturbata, 2779.
convecta, 1577.
convectalis, 3328.
convectaria, 2957.
conversata, 2929.
conversata, 2800.
convexaria, 2311.
convoluta, 2859.
cookaria, 2442.
cooma, 2033.
coorumba, 3606.
Coptobasis, 3267.
Corcobara, 2227.
corcularia, 2812.
cordalis, 3617.
Coremia, 2803.
Corgatha, 1694.
Coria, 1889.
Corinea, 3660.
cornaria, 2559.
coronata, 1983.
Corotia, 2436.
correcta, 1436.
correctata, 1980.
corrogata, 2705.
Corsa, 2159.
Corticata, 1740.
corticata, 2398.
corticea, 1437.
corvina, 1467.
corvus, 1467, 2516.
Corymica, 2386.
Coryptilum, 3701.
cosisalis, 3436.
Cosmia, 1643.
cosmiaria, 2474.
Cosmocreon, 3600.
Cosmophila, 1813.
Cossedia, 1147 c.
cossoides, 1846.
cossuna, 3697.
cossusella, 3703.
costæmacula, 2137.
costalis, 1914, 2301.
costalis, 2228, 3448.
costaria, 2574.
costaria, 2923.
costata, 1702, 1801, 2345.
costiferalis, 3517.
costiflexalis, 3517.
costigeralis, 3213.
costimacula, 1910.
costimaculata, 2381.
costinotalis, 1694.
costinotata, 2716.
costipannosa, 2130.
costiplaga, 1711.
costipunctata, 3050.
costistriga, 2055.
costistrigaria, 3008.
Cotachena, 3193.
Cotanda, 1553.
cottalis, 3320.
Cotuza, 2047.
couaggaria, 2636.
Crambidæ, 3146.
crambidalis, 3221.
Crambostenia, 3153.
crameralis, 3514.
crameri, 1966.
Craneophora, 3176.
Craspedia, 2893.
Craspediopsis, 2951.
Craspedogonia, 1722.
Craspedosis, 2660.
crassipennis, 3173.
crassiuscula, 1676.
craterana, 3689.
creataria, 2606.
crenaria, 3004.
crenulata, 2178, 3101.
creonalis, 3328.
crepuscularia, 2543.
crepuscularis, 1883.
cretacea, 2554.
cribrata, 3291.
crinigera, 1911.
crinipes, 3360.
crispina, 1469.
cristaria, 2517.
cristata, 3024.
cristifera, 3092.
critheisalis, 3463.
crithonalis, 3379.
Crithote, 2050.
crocata, 1631.
crocea, 1723.
croceago, 1476.
croceipicta, 2268.
Crochiphora, 3552.
Crocidolomia, 3534.
Crocidophora, 3549.
crocoptera, 2326.

crocopterata, 2326.
Crocota, 2418.
crœsalis, 3266.
crœsusalis, 3266.
crotonalis, 3434.
cruciplaga, 2763.
cruentata, 1429.
Cryassa, 1773.
Crymodes, 1523.
Crypsiphona, 3030.
Cryptoloba, 2760.
Cryptophaga, 3637.
Cryptophasa, 3637.
cryptopyrrhata, 2375.
cucullata, 2176.
Cucullia, 1530.
cucullioides, 1789, 1821.
Culasta, 2099.
Culcula, 2643.
Culicula, 2184.
Culladia, 3146.
cunealis, 3249.
cuneata, 2421.
cuneilinea, 2962.
cuneiplena, 2649.
cuneolalis, 3247.
cuprea, 1515.
cuprealis, 3600.
cuprealis, 3520.
cuprearia, 2828.
cupreipennis, 1543.
cuprina, 1811.
cuprinalis, 3346.
cuproviridalis, 3170.
Curbia, 2390.
Curgia, 1568.
Curicta, 3185.
curiusalis, 3439.
curta, 3229.
curtalis, 2136.
curtaria, 2705.
curtipalpis, 1504.
Curubasa, 1425.
curvata, 1971.
curvifera, 1828.
curvifera, 1662.
curviferalis, 2237.
curviferella, 1734.
curvilinea, 2237.
curviplena, 1447.
Cusiala, 2512.
cyane, 2976.
cyanealis, 3407.
cyaneifera, 2682.
cyanoptera, 2980.
cyathicornis, 1560.
Cyclarcha, 3297.
cyclaria, 2346.
Cyclodes, 1948.
cyclognata, 2380.
Cydalima, 3363.
cydipeialis, 3426.
cydonia, 2056.
cydonialis, 2056.
cydoniaria, 2056.
cygnus, 1596.
cyllaria, 1861.
cyllota, 1862.
cymaria, 2817.
Cymatophoropsis, 1784.
cynaralis, 3869.
Cyphotopsyche, 620 c.
cypraria, 2745.
Cyptasia, 3663.

Dabarita, 1828.
Daddala, 1851.
Dadessa, 3387.
Dadica, 1570.
dahlii, 1449.
dairalis, 3409.
Dalima, 2448.
damastesalis, 3601.
Damna, 1147 D.
damnata, 2902.
damoalis, 3607.
Danaga, 3271.
Danala, 2395.
Dandaca, 1789.
Daona, 1636.
Dapha, 2267.
Daraba, 3617.
Darantasia, 2704.
Darisa, 2604.
dasyclusalis, 3420.
Dasygaster, 1461.
Dasypodia, 1881.
dasyptera, 2128.
Dasyuris, 2827.
Data, 1515.
Datanoides, 3214.
Dattinia, 3219.
Daulia, 3245.
Dausara, 3582.
davallia, 2053.
Davendra, 3631.
davidaria, 2400.
Daxata, 2209.
Deana, 3585.
Deba, 3426.
debilis, 1510.
debilis, 2392.
debitaria, 2698.
decens, 1919.
deceptatura, 2399.
decernens, 2040.
decertaria, 2597.
Decetia, 2275.
decialis, 3386.
decipiens, 2405.
decisaria, 2563.
decisissima, 1578.
deciusalis, 3323.
deciusalis, 3386.
Declana, 2521.
declinata, 1538.
decora, 3214.
decoraria, 2341.
decorata, 2434, 2875.
decretaria, 2935.
Decticogaster, 3249.
decursaria, 2513, 2548.
decussalis, 3231.
decussata, 3112.
decussata, 2565, 2876
deducta, 2389.
defamatalis, 3523.
defamataria, 2916.
defectaria, 2309.
deficiens, 1925, 2525.
defixa, 1565.
deflavata, 2431.
deflexa, 1731.
deflorata, 1868.
Defoa, 2968.
deformis, 3566.
defundens, 1806.
Deilinia, 2412.
Deinotrichia, 2602.
dejeani, 2832.
dejectaria, 2536.
delatrix, 1773.
delecta, 2790.
delectalis, 3496.
delectaria, 2578.
deletarius, 2851.
Delgamma, 1999.
deliana, 2022.
deliaria, 2963.
delicatalis, 3459.
delicatulata, 2814.
delicia, 1428.
delineata, 1515, 2504.
delineata, 2589.
delineosa, 1931.
Delocharis, 2955.
delogramma, 2711.
delphiaria, 2965.
delphinaria, 2342.
deltifera, 2022.
deltoidata, 2800.
Deltoidinæ, 2183.
demeter, 3399.
demissus, 2917.
dendrellaria, 2552.
Dendrothripa, 1742.
denotalis, 1770.
denotata, 1581.
dentata, 2573.
dentata, 1834.
denticulata, 1534.
denticulata, 2518.
denticulosa, 3135.

denticulosa, 1617.
dentifera, 2751.
dentigera, 1525.
dentilinealis, 1716.
dentilineata, 2543.
depleta, 2772.
deponens, 1707.
deprivalis, 3583.
depulsata, 3084.
depunctalis, 3231.
derogata, 1674, 3456.
derogata, 2843.
derogatella, 3168.
Derxena, 2746.
Desana, 1517.
descripta, 1449.
descriptata, 2800.
desiccata, 2535.
designata, 1581.
desistaria, 2286.
desmialis, 3458.
despectalis, 3203.
despicillator, 2082.
destituta, 1657.
destituta, 2638, 2899.
destrigata, 2298.
detegens, 1557.
deteriorata, 3018.
determinata, 2556.
detersa, 1930.
detersaria, 2280.
Detounda, 1733.
detracta, 3393.
detractaria, 2575.
Detunda, 2521.
Deuterarcha, 3459.
Deuterolyta, 3174.
Deva, 2120.
devexata, 3035.
devialis, 3207.
deviaria, 2924.
dholaria, 2532.
Diacma, 3600.
Diactinia, 2783.
dianæ, 1596.
dianaria, 2554.
Dianasa, 3671.
diaphanalis, 3362.
Diastema, 2122.
Diastictis, 3339.
Diastictis, 2494.
Diatenes, 1914.
diatomaria, 2960.
diatomata, 2960.
dichloraria, 3068.
Dichocrociinæ, 3387.
Dichocrocis, 3387.
dichromalis, 3297.
dichromata, 2275.
Dichromia, 2232.
Dichromodes, 2712.
dicistriga, 1939, 2061.
dicyotis, 3698.
didasalis, 3416.
Didigua, 1824.
didymalis, 3178.
Didymostoma, 3339.
diemenalis, 3414.
diemeni, 1917.
diemeniana, 3688.
Dierna, 2171.
Diethusa, 1557.
diffascialis, 3299.
diffinaria, 2284.
diffundens, 2018.
diffusa, 3101.
diffusaria, 2542, 2818.
diffusaria, 2363.
diffusata, 2397.
diffusimarginalis, 3375.
Digonodes, 2438.
digramma, 2176.
digressa, 3080.
dilatata, 2871.
dilatatipes, 3566.
dilecta, 3114.
dilecta, 3708.
dilectissima, 1670.
dilucidalis, 3246.
diluticiliata, 3633.
dimidiata, 1780.
diminutiva, 2172.
Dimirica, 1762.
dimissa, 3057.
dimissalis, 2212.
dimorphata, 2914.
Dindica, 3019.
Dinumma, 1706.
Diomea, 2163.
Diphtera, 1601.
Diplodesma, 3052.
Diplopseustis, 3191.
diplostigma, 1906.
diplotata, 2484.
Diplurodes, 2542.
dipsacea, 1423.
Dipterygia, 1525.
Dirades, 2292.
directa, 3071.
directaria, 2303.
Diremma, 1807.
dirempta, 2451.
discalis, 1783, 1906.
discalis, 2994.
Discalma, 2499.
discata, 2746.
discessa, 3072.
discibrunnea, 1602.
discigera, 1733.
discigera, 2348.
discinota, 3216.
discinotalis, 3401.
discipennata, 3091.
discissa, 3084.
discistriga, 1781.
Discoglypha, 2948.
discoloraria, 2376.
discontenta, 2162.
discopilata, 3031.
discoreæ, 2085.
discospilata, 3031.
discrepans, 2089.
discriminata, 3039.
disjuncta, 1931.
disjunctalis, 3125, 3351, 3449.
disjunctaria, 1686.
disjungens, 1985, 2170.
dispalata, 1450.
dispansa, 3065.
disparalis, 3161.
disparans, 1897.
disparata, 3076.
dispartita, 3064.
dispensata, 3006.
disperdita, 2595.
dispilotalis, 3380.
displicata, 2557.
disposita, 2583.
dispunctalis, 2259.
disputaria, 2494.
disruptalis, 2136.
dissentanea, 2546.
dissepta, 3081.
dissimilis, 2212.
dissita, 3081.
dissociata, 2812.
Dissolophus, 1549.
Dissomorphia, 2500.
dissonata, 2546.
Dissophthalmus, 2336.
dissutata, 2499.
distans, 1491, 2070.
distenta, 3004.
distincta, 1645, 1817.
distorta, 2156, 3468.
distorta, 2192.
distracta, 2406.
Dithalma, 2966.
ditritaria, 2630.
ditrota, 2468.
diurnalis, 3507.
diurnaria, 2538.
divapala, 3089.
divaricata, 3526.
divergens, 1587.
divergentaria, 2712.
diversalis, 1815, 3544, 3583.
diversalis, 1692.
diversicolor, 3119.
diversipennis, 1786.
divisa, 1689, 2718.
divisaria, 2961.

divisata, 2817.
divitalis, 3174.
divulsa, 2005.
Dixoa, 3110.
Dizuga, 2944.
Docela, 2013.
docilis, 1735.
docilisalis, 3188.
Docirava, 2766.
Dodanga, 3253.
Dolichomia, 3209.
Dolichosticha, 3326.
dolopsalis, 3542.
dolorosa, 1493.
dolosana, 3686.
dominalis, 3521.
dominica, 1414.
dominulalis, 3240.
Donachlora, 1577.
donans, 1758.
donovani, 2874.
Donuca, 1844.
Dooabia, 3033.
Doranaga, 1719.
dorcada, 3021.
Dordura, 1998.
Dorica, 1425.
dorilusalis, 3127.
dorsicinis, 1435.
Dorsippa, 1643.
Dosara, 3575.
dotata, 1843, 1986.
dotatana, 3683.
Doththa, 3186.
doubledayi, 2996.
Dracænura, 3223.
Dragana, 2017.
drancesalis, 3189.
drapesalis, 3205.
drepanoides, 2047.
drusialis, 3233.
drusiusalis, 3233.
drylla, 1894.
dubia, 3450.
dubitaria, 1851.
ductaria, 2299.
ductaria, 2623.
Duga, 2647.
Dugaria, 1931.
dulcilinea, 1780.
dulcis, 1973.
dulcissima, 624 B.
Dumatha, 1743.
Dunira, 2159.
duplexa, 1676.
duplicalis, 2233.
duplicans, 1552.
duplicaria, 2763.
duplicata, 1651, 1814.
duplicilinea, 1553.
duplicilinea, 1933.
Durdara, 3115.
dyakaria, 3066.
Dyrzela, 1573.
Dysallacta, 3475.
Dysgonia, 1960.
Dysodia, 3106.
Dysphania, 2973.

Earias, 621*.
Ebulea, 3600.
ebuleata, 2318.
Ebuleodes, 3599.
eburneifera, 1561.
eburneigutta, 2123.
ecchloraria, 3005.
Eccopteroma, 2102.
Echana, 2214.
Ecliptopera, 2783.
Ectropidia, 2553.
Ectropis, 2542.
edemoides, 1787.
edentata, 1813.
Edita, 3181.
edwardsii, 1850.
efferata, 2634.
effertalis, 3305.
efflorescens, 1868.
efformata, 3064.
efila, 2751.
Egelesta, 1733.
egenalis, 3601.
egenaria, 2922.
egens, 1655.
egialealis, 3544.
Egnasia, 2148.
egregiella, 3664.
Eidama, 3355.
elachia, 3202.
Elachistidæ, 3657.
elaralis, 3121.
Eleale, 1771.
elegans, 3675.
elegans, 1622, 1990, 2579.
Elegarda, 1435.
eleonora, 2477.
eleonorata, 2479.
Elicrinia, 2391.
eliela, 2883.
Eliocrœa, 1757.
elongalis, 3589.
elongaria, 2753.
elongaria, 2489.
elongata, 1530.
elongata, 3127.
Elphos, 2530.
Elpia, 1851.
Elusa, 1559.
elutalis, 3322.
Elvia, 2874.
elvirata, 2481.
elwesialis, 3470.
elycesalis, 3562.
Elydna, 1643.
Elyra, 2198.
emarginata, 2096.
emaria, 2592.
emergens, 1506.
emersaria, 2492.
emiliaria, 3015.
emiliusalis, 1557.
emissalis, 3360.
Emmelia, 3575.
Emmiltis, 2926.
Emodesa, 1147 F.
emolliens, 2655.
Enœmia, 3664, 3667.
Enantiodes, 2542.
encausta, 2444.
enchidias, 3637.
Enchocnemidia, 3477.
Encyclomma, 2075.
endhovii, 2083.
endoleuca, 1896.
Endocrossis, 3428.
Endotricha, 3186.
Endotrichidæ, 3186.
Endotrichopsis, 3190.
endoxantha, 3309.
Endrosis, 3659.
Enea, 2172.
Enispa, 1704.
enixalis, 3224.
Enmonodia, 2072.
enmomaria, 2413.
Ennominæ, 2367.
Ennychia, 3600.
enormis, 1536.
ensalis, 2240.
Entomogramma, 2038.
eogenaria, 2473.
eoidalis, 3187.
Eois, 2923.
eolaria, 2534.
eolarius, 2534.
Eoöphyla, 3242.
Eordæa, 2198.
eosarialis, 1704.
Ephelis, 3575.
Ephemerophila, 2589.
ephesphoris, 1883.
ephyraria, 2442.
ephyrata, 2887.
ephyrodalis, 2148.
Epichromistis, 3255.
Epicorsia, 3600.
Epidesma, 2702.
Epifidonia, 2439.
Epimima, 3327.
Epipaschia, 3169.
Epipaschiidæ, 3163.
Epiplema, 2278.
Epiplemidæ, 2273.

Epipristis, 3027.
Epirrhœ, 2796.
Episothalma, 3034.
Episparis, 2052.
epispila, 3225.
epistictis, 2560.
Eporidia, 3380.
epundoides, 1939.
Epyaxa, 2812.
equestraria, 2299.
erastioides, 1745.
Erastria, 1606.
erateinalis, 1147 c.
Ercheia, 1861.
Ercta, 3322.
erebata, 3014.
erebina, 2172, 2519, 3436.
erebina, 1468.
erebinata, 2536.
ereboides, 2193.
Erebomorpha, 2618.
erebusaria, 2526.
erebusata, 3014.
Eremochroa, 1489.
Eretmocera, 3658.
Eretria, 3617.
erica, 1564.
Ericeia, 1920.
eriggusalis, 3593.
Erilita, 3255.
Erinnys, 2393.
Erinothus, 3425.
eriophora, 1925.
eriopisalis, 3608.
eriosoma, 2105.
ermineus, 3221.
ernalis, 3508.
eromenalis, 3235.
Eronome, 1671.
Erschoffia, 2290.
ersealis, 3394.
erubescens, 1448, 2176.
erycinoides, 1756.
Erygia, 1848.
erythrias, 3319.
Erythrolophus, 2953.
erythusalis, 2213.
eryxalis, 3285.
Eschata, 3148.
esther, 1841.
estigmaria, 2716.
Etanna, 1742.
Eterusia, 363*.
Eteta, 3521.
ethelella, 3696.
Ethopia, 3144.
euadrusalis, 3177.
Eublemma, 1671.
euboliaria, 2804.
Eucelis, 3680.
euceralis, 3264.
eucerusalis, 3264.
Euchloris, 3061.
euchromiella, 3701.
Euclasta, 3523.
euclidiata, 2827.
eucnemis, 2726.
Eucosmia, 2774.
Eucrostes, 3076.
Euctenurapteryx, 2323.
Eudioptis, 3515.
eudoxusalis, 2203.
eugeniata, 2331.
Euglyphis, 3371
Euippe, 2471.
Eulepa, 1618.
Euloxia, 3054.
Eulype, 2829.
Eumelea, 2736.
eumeleata, 2361.
Euphasia, 1621.
Euphronarcha, 2595.
Eupithecia, 2861.
eupitheciaria, 2818.
Euplexia, 1490.
Eurabila, 1490.
Eurois, 1519.
Eurrhyparodes, 3301.
eurychrysa, 3576.
*eurycleali*s, 3464.
Eurycreon, 3575.
eurymede, 2636.
eurypile, 2636.
Euryplaca, 3645.
eurytusalis, 3497.
Eusarca, 2955.
Euschema, 2973.
euscia, 2715.
Euscotia, 1529.
euspilalis, 3356.
Eustixis, 3667.
Eustroma, 2794.
Euteliidæ, 1767.
Euthalantha, 3360.
euthusa, 1568.
Eutœa, 2472.
Eutrichodes, 3201.
Eutrichotis, 3289.
evanidalis, 3520.
Evarzia, 2487, 2492 A.
evaxalis, 3390.
Eversmannia, 2290.
evulsalis, 2017.
ewingii, 1525.
Exacosmia, 3167.
exagens, 2056.
exaltata, 3621.
exanthemata, 2643.
exathesalis, 3370.
excavata, 1660.
excavata, 2097.
excisa, 2473.
excisa, 1640.
excitans, 1779.
exclusa, 1507.
exclusa, 2460.
exclusaria, 2612.
excubitor, 2987.
excursaria, 2597.
excusata, 2690.
exempta, 1848.
exempta, 1540.
exemptalis, 3536.
exemptaria, 2539.
exhibens, 2267.
exigua, 1438.
exigua, 1562.
exiguinota, 2388.
exliturata, 2806.
Exodomorpha, 3658.
exotica, 1552.
expansa, 2770.
exportalis, 3298.
exportaria, 2497.
exportata, 2022.
exprimata, 2553.
exprimataria, 2284.
exprimens, 2054.
exprompta, 2536.
expulsa, 1506.
expunctaria, 2943.
exsanguis, 1579, 1581.
exscripta, 1739.
exsecuta, 2830.
exsecutaria, 2499.
exsuperata, 2583.
extensalis, 3617.
extenuata, 2663.
extenuatalis, 3261.
exterior, 1581, 1890.
externa, 2240.
externalis, 2215.
externaria, 2582.
extersaria, 2754.
extimaria, 2893.
extinctalis, 3609.
extrahens, 2110.
extranea, 1577.
extricans, 2070.
extrusata, 2966.
exul, 2647.
exusta, 1524.

fabiusalis, 3441.
fabriciella, 3660.
fabularis, 2163.
facilis, 1461.
falcata, 1977, 2047.
falcata, 2063, 2102, 2811.
Falcimala, 2208.
falcipennis, 2757.
falculalis, 2238.
falernaria, 2694.

familiaris, 1507.
Fascellina, 2430.
fascialis, 3653.
fascialis, 3299.
fasciana, 1606.
fasciata, 1904, 2083, 2560, 2566, 2602.
fasciata, 1572, 2302, 2407, 2477, 3550.
fasciatus, 2015.
fasciculana, 3690.
fasciculatalis, 3324.
fasciculipes, 1955.
fasciosa, 1678, 2167.
fasciosa, 2466.
fauculalis, 3286.
fautrix, 2038.
favillatrix, 1782.
faviusalis, 3205.
fecunda, 2785.
feducia, 1876.
felderi, 3364.
felicitata, 3045.
felinaria, 2640.
Felinia, 1919.
felix, 2441.
fenestrata, 3106, 3119, 3136.
fenestrata, 2981.
fenestrifera, 3119.
fenestrina, 3119.
feniseca, 2071.
ferifera, 1793.
ferrifervens, 1732.
ferrifracta, 2046.
ferripuncta, 2204.
ferrisparsa, 1481.
ferritinctaria, 2499.
ferrolavata, 2507.
ferromixta, 1792.
ferruginaria, 2880.
ferruginata, 2493.
ferruginea, 1787.
fervidaria, 2332.
festinata, 1961.
festiva, 1541.
festivalis, 3397.
festivaria, 2373.
fibulata, 2906.
ficki, 3176.
ficta, 1432.
fictaria, 2471.
fictiliaria, 2499.
fidoniata, 2486.
fidonioides, 2680.
figlina, 1819, 2599.
figlinaria, 2926.
figurata, 2173.
figuratalis, 3159.
filicata, 2851.
filipalpis, 1848.
filium, 1539.
Filodes, 3366.
fimbrialis, 3163.
fimbriaria, 3034.
fimbriata, 1648.
fimbriata, 2331, 3554.
fimbripunctalis, 3542.
finipalpis, 2159.
firina, 1636.
firmamentum, 1753.
Fisera, 2503.
fixseni, 2837.
flagrata, 2331.
flammatra, 1459.
Flammona, 1683.
flammula, 2686.
flatipennata, 2501.
flava, 1650.
flava, 2391.
flavata, 2413.
flavata, 2978.
flavescens, 2348.
flavibasalis, 3312, 3428.
flavicapitata, 2704.
flavicinctalis, 3589.
flavifimbrialis, 3187.
flavifusata, 3085.
flaviguttella, 3713.
flavisigna, 2013.
flavistrigata, 2821.
flavofimbriata, 3589.
flavonaculata, 3272.
flavonigra, 1635.
flavotogata, 2729.
flexalis, 3287.
flexata, 2443.
flexissimalis, 3342.
floralis, 3618.
florentina, 1420.
floresaria, 3086.
florescens, 1537.
florida, 1746.
floridalis, 3338.
florigera, 1417.
fluctuosalis, 3229.
fluviata, 2783.
Focillidæ, 2130.
Fodina, 2027.
fœdalis, 3225.
fœdana, 3683.
formosa, 3194.
formosalis, 1682.
formosaria, 2417.
fortinata, 2446.
fortissima, 1519, 2507.
fractaria, 2546.
fragilis, 1585.
fragilis, 2747.
fragosata, 2584.
fraterna, 1594, 2555, 3323, 3443.
fraterna, 1437, 1924, 3454, 3490.
fraternaria, 2694.
frausa, 1613.
frenaria, 2361.
frenata, 2460.
frenatalis, 3387.
frequens, 3072.
frogosata, 2584.
frontalis, 1441.
frontalis, 1718.
frontaria, 2500.
fronteialis, 2183.
frontinus, 2002.
frugaliata, 2498.
frugalis, 2020.
fucata, 2505.
fugalis, 3192.
fugitiva, 1901.
fulgida, 2683.
fulgitivaria, 3054.
fulguraria, 2619.
fulgurata, 2768.
fulgurita, 2618.
fuliginosa, 1857.
fullonica, 2085.
fulva, 1725.
fulvida, 1811.
fulvidorsalis, 3366.
fulvoastra, 2065.
fulvotænia, 1968.
fumidalis, 3565.
fumipalpis, 3160.
fumosalis, 3169.
funebris, 2666.
funesta, 1493.
furcatalis, 3316.
furcifera, 2111.
furva, 2782.
fusca, 2761.
fuscata, 2286.
fuscicosta, 3213.
fuscicostalis, 3213.
fuscifrons, 1814.
fuscinata, 2804.
fusifera, 1867.
fusilinealis, 3399.
fusiplagiata, 2443.

Gabrisa, 2198.
Gadessa, 3387.
Gadirtha, 1726.
Gagitodes, 2823.
Galadra, 3269.
galaxia, 1493.
galbulata, 2371.
gallaria, 2445.
Galleriidæ, 3139.
Galleriomorpha, 1733.
gallinata, 2805.
gammoides, 2009.

Gamoruna, 2730.
Gandaritis, 2837.
gannata, 2313.
Garæus, 2439.
Garella, 1740.
Gargaphia, 2442.
Gariga, 278 A.
gastralis, 3446.
Gastrina, 2517.
Gastrinodes, 2519.
Gastrophora, 2688.
Gathynia, 2295.
gavisata, 2347.
gavissima, 3088.
gazorialis, 3515.
Gelasma, 3087.
Gelechiadæ, 3624.
gelida, 3669.
gelidaria, 2555.
gelidata, 1147 D.
Gelonia, 2536.
gemella, 3249.
geminia, 2300.
gemma, 2016, 3043.
gemmans, 1887.
gemmata, 2783.
genisusalis, 3176.
Genusa, 2638.
geometralis, 3530.
geometrica, 2032.
Geometridæ, 2973.
Geometrina, 2318.
geometroides, 1848.
georgiata, 2650.
Gerbatha, 1763.
germana, 2631.
germanalis, 3384.
gerontesalis, 3203.
gerontialis, 3203.
Gesonia, 2016.
Gespanna, 2048.
ghosha, 2778.
gibbosalis, 3244.
gigantella, 3640.
gilvata, 3583.
Ginæa, 2047.
giraffata, 2642.
Girpa, 1923.
Girtexta, 3245.
glabra, 1596.
glandulata, 2845.
Glanycus, 3104.
glareola, 3112.
glareosa, 3062.
glauca, 2681.
glaucata, 2874.
glaucescens, 2995.
glaucinans, 1931.
glaucistriga, 1538.
glaucofascia, 1995.
glaucopoides, 1768.
glaucopteron, 2046.
glauculalis, 3482.
gleba, 2603.
globulifera, 3129.
globulipedalis, 3527.
glomeralis, 2225.
gloriosae, 1416.
gloriosaria, 2417.
Glossina, 3174.
Glottula, 1414.
glyphodalis, 3381.
Glyphodes, 3481.
Gnamptoloma, 2959.
Gnamptonyx, 1935.
gnetusalis, 2197.
gnoma, 1499.
Gnophos, 2533.
gobiata, 2776.
Godara, 3534.
Gogana, 1147 A.
Gonæpa, 3624.
Gonanticlea, 2808.
goniaria, 3094.
Goniopteroloba, 2762.
Goniorhynchus, 3424.
Gonitis, 1807.
Gonodela, 2477.
Gonodontis, 2396.
Gonophylla, 2441.
Gonopteridæ, 1807.
Goosensia, 3184.
Gracilaria, 3691.
gracilis, 1836.
Gracillaria, 3691.
grællsii, 1648.
graminea, 3050.
grammearia, 2307.
Grammodes, 2032.
grandæva, 2072.
grandaria, 2642.
grandis, 1589.
granitalis, 2494.
granitaria, 2580.
granulata, 1946.
graphata, 2491.
graphicalis, 3460.
Graphiphora, 1436.
grata, 2354.
gratalis, 3424.
grataria, 2888.
gratiosa, 1539.
gratissima, 624 C.
gratularia, 2500, 2581.
gravata, 1979.
gravatalis, 2213.
gravidata, 2742.
gregalis, 2018.
grisea, 1793.
grisea, 2384.
grisealis, 3564.
griseipennis, 1456.
Gubaria, 2477.
guenei, 1971.
guildingi, 3705.
gundiana, 1867.
Guriauna, 2265.
guttana, 3673.
guttanivis, 1811.
guttaria, 2639.
guttata, 2641.
guttatalis, 3394.
guttilinea, 2750.
guttiventris, 1766.
guttiventris, 1872.
guttulosa, 2168, 2134 A.
guttulosa, 3118.
Gyadroma, 2524.
Gymnoscelis, 2842.
gynopteridia, 2429.
Gyrognatha, 1686.
Gyrtona, 1803.

haastiaria, 2442.
habisalis, 3551.
habitalis, 3172.
Hadena, 1477.
hadenalis, 2200.
hæmataria, 3011.
Hæmatia, 3600.
hæmatopus, 3671.
hæmorrhoa, 2126.
hæmorrhoda, 2126.
Haitufa, 3441.
Halia, 2500.
halialis, 3242.
haliaria, 2341.
Haliotrigis, 3446.
haliusalis, 3297.
halmusalis, 3412.
Halthia, 2636.
halurga, 3432.
hamifera, 2009, 3130.
hamifera, 1579.
Hamodes, 2061.
hampsoni, 2948.
Hapsifera, 3700.
haraldusalis, 3176.
harfordi, 1516.
Haritala, 3459.
Haritalodes, 3446.
Harmatelia, 2051.
Harpagoneura, 3142.
Harpalyce, 2810.
hastiferalis, 3146.
Hazis, 2973.
hebesata, 2485.
hecate, 2829.
hedemanni, 2540.
hederæ, 3627.
Hednota, 3150.
Hedylepta, 3410.
Helastia, 2812.

Helastiodes, 2849.
helenetta, 2973.
Heleona, 2973.
heliacaria, 2813.
helicina, 2067.
Heliomanes, 1671.
Heliothela, 3619.
Heliothis, 1419, 1421*.
heliotis, 3664.
Hellula, 3536.
Hemerophila, 2589.
hemiallactis, 3198.
hemionata, 2646.
Hemipachycera, 1550.
hemipteraria, 2595.
Hemithea, 3047.
hemithearia, 3044.
hemodi, 1929.
hemusalis, 2212.
henricaria, 2688.
Heortia, 3521.
hepatica, 2132.
hepatizans, 2057.
heranialis, 3332.
heranicealis, 3531.
herbaria, 1614.
herbida, 1743.
herbidalis, 3478.
herbidaria, 2538.
Herbula, 3600.
Herchunda, 1942 B.
Herculia, 3209.
Hercyna, 3600.
Herdonia, 3109.
hermesalis, 3491.
Hermonassa, 1474.
hermonia, 1889.
Herochroma, 3022.
herodiella, 3651.
Heterabraxas, 2622.
Heterocnephes, 3303.
Heterolocha, 2385.
Heteromicta, 3141.
Heteromiza, 2440.
heteroneurata, 2472.
Heterostegane, 2357.
heydena, 2437.
Hiaspsis, 620 D.
Hiccoda, 1636.
hieratica, 3199.
hieroglyphica, 1889, 2673.
Hieropola, 3646.
hilaralis, 3472.
hilarata, 3041.
Hileia, 2016.
himeroides, 2690.
Hingula, 2172.
Hipæpa, 2216.
hiracia, 3378.
Hirasa, 2600.
hirtissima, 1942 B.
hirudinicornis, 3676.
hisbonalis, 3284.
histaspesalis, 2194.
histricalis, 3193.
histrionalis, 3557.
histrionaria, 2950.
hodiusalis, 3588.
hollandiæ, 1461.
Hololoma, 2450.
holonalis, 3317.
Holorista, 2877.
Homæa, 2064.
Homodes, 1723.
homœna, 2086.
Homona, 3690.
Homoptera, 1933.
homopteroides, 1932.
homoxia, 1434.
honesta, 1981.
honoraria, 2459.
Hoplitica, 3646.
Hoporina, 1476.
horridaria, 2484.
horridata, 3017.
horridipes, 2050.
hortensiata, 2332.
Hulodes, 1893.
humeralis, 1790.
humeraria, 2444, 2591, 2918.
humidicola, 1583.
humiferata, 2405.
humiliata, 2224.
Hvidodes, 3471.
hyadaria, 2369.
Hyaloplaga, 3270.
hyalospila, 3117.
hyblæa, 1504.
Hyblæa, 1749.
hyblæella, 3676.
Hyboma, 1531.
hybreadalis, 3585.
hybreasalis, 3585.
hybrida, 2092.
hybridalis, 3563.
Hydatocapnia, 2357.
hydræcioides, 1452.
hydralis, 3536.
Hydrelia, 2880.
Hydreuretis, 3224.
Hydrillodes, 2212.
Hydriris, 3322.
Hydrocampa, 3224.
Hydrorybina, 3283.
Hyela, 1619.
Hyelopsis, 1608.
Hygraula, 3224.
hylaxalis, 2139.
hymenaria, 2530.
Hymenia, 3298.
Hymeniinæ, 3287.
Hymenoptychis, 3248.
Hypætra, 1994.
hypanaria, 2654.
Hypanchila, 3206.
hypanis, 2654.
hypanus, 2654.
hypasia, 2022.
hypatia, 2022.
Hypena, 2239.
Hypenagonia, 2269.
Hypenidæ, 2183.
Hypeninæ, 2226.
Hypenodes, 2268.
hypenoides, 1970, 2163, 2248.
Hyperdasis, 1557.
hypermnestra, 2093.
Hypernænia, 1472.
Hyperperissa, 3630.
Hypertrocta, 2271.
Hyperythra, 2413.
hyperythra, 2934.
hyperythrum, 1833.
Hyphilare, 1577.
Hypocala, 1868.
Hypocalpe, 2094.
hypoceana, 1874.
Hypochroma, 3001.
Hypochrosis, 2367.
hypocyana, 1750.
Hypographa, 2696.
Hypolamprus, 3114.
hypoleuca, 1895.
Hyponomeutidæ, 3660.
hypophœa, 1930.
Hypopyra, 2070.
hypopyroides, 2072.
Hyposidra, 2397.
Hypospila, 2044.
Hypothripa, 1740.
hypoxantha, 3120.
hyppasia, 2022.
hypsalis, 3357.
hypsana, 2125.
hypsata, 2633.
Hypsopygia, 3200.
Hypulia, 2451.
Hyria, 2924.
hyriaria, 2949.
Hysterura, 2794.

ianthina, 2211.
iarbasalis, 1916.
ibycusalis, 3186.
icarusalis, 3181.
iconica, 1819.
iconicalis, 2245.
icterica, 2101.
Icterodes, 2616.
idæa, 2946.
idalialis, 3121.

idalis, 3295.
idearia, 2909.
Idicara, 1938.
Idioblasta, 3592.
Idiodes, 2426.
Idiostrophe, 3446.
Idiusia, 3415.
idonea, 1442, 2073.
idyalis, 3351.
ignea, 1425.
ignealis, 3541.
ignita, 3107.
ignivorata, 2372.
ignobilis, 1435.
ignotalis, 2259, 3117.
Ilattia, 1544.
illapsa, 2517.
illatalis, 3334.
illecta, 1493.
illectalis, 3274, 3547.
illepidaria, 2549.
illibata, 1958.
illisalis, 3545.
illoba, 1523.
illucida, 1799.
illuminata, 2627.
illustralis, 3535.
illustraria, 2555.
Ilurgia, 3523.
ilusalis, 3419.
imbutalis, 3127.
imbutalis, 3451.
imbutaria, 2374.
imitaria, 2360.
imitata, 1651.
immaculata, 2406.
immemorata, 2557.
immersana, 3683.
immodesta, 1946.
immonstrata, 2942.
immundalis, 2209, 3563.
impactella, 3658.
imparata, 1457, 1647, 2554.
imparata, 2172.
imparatalis, 2854.
impedita, 2755.
impellens, 1647.
impersonata, 2908.
impervisata, 2451.
impingens, 1726.
implens, 613 B.
impleta, 1773.
impletaria, 2920.
implexa, 1457.
implexata, 1697.
impressalis, 3254.
imprimata, 2469.
impulsa, 2119.
inacuta, 2022.
inæqualis, 1688, 2068, 3107.
inamata, 2337.
inamœna, 2806.
inangulata, 1923.
inaperta, 1943.
inapertaria, 2339.
inaptalis, 3632.
inaptaria, 3095.
inara, 1997.
incensata, 2377.
inceptaria, 2551.
incertalis, 3414.
inchoata, 2114.
inchoata, 2312, 2478.
incisa, 1478, 2144.
incitata, 2382.
inclarata, 2286, 2800.
includens, 1730.
inclyta, 1417.
incoloralis, 3612.
incomalis, 3534.
incommoda, 3228.
incomptaria, 2398.
inconcinnalis, 2177.
inconcisa, 2018.
inconcisata, 2710.
inconclusa, 2008, 2161.
inconclusa, 2545.
inconclusaria, 3080.
inconspicua, 3528.
inconstans, 1456.
incorrupta, 2930.
incrassata, 1573.
incursaria, 2594.
incurvata, 2237.
indecisa, 2215.
indecisa, 1656, 2099.
indecisalis, 3310.
indecoralis, 2211.
indecretana, 3687.
indenta, 2067.
indentata, 2549.
indeterminata, 2457.
indica, 1527, 1813, 2487, 2730, 3152.
indica, 1526, 3515, 3710.
indicalis, 2240, 3515.
indicata, 3410.
indicata, 2853.
indicatalis, 2261.
indicataria, 2967.
indicator, 3217.
indignaria, 2283.
indistans, 1491, 3611.
indistincta, 2584.
indistinctalis, 3563.
indotaria, 2905.
indotata, 2494.
inducens, 1831, 1811.
inductalis, 3128.
inductaria, 2426.
ineffectalis, 2263, 613 A.
ineffectaria, 1703.
inefficiens, 1647.
inexacta, 1493.
inexacta, 1726.
inexactata, 2468.
inexactata, 2461.
inexplicata, 2863.
inextricans, 1491.
inextricata, 1529, 1778, 2794.
infantaria, 2818.
infantularia, 2912.
infausta, 1837.
infausta, 2184.
infaustaria, 2573.
infecta, 1539.
inferens, 1594.
inferioralis, 3591.
infestata, 2861.
inficita, 2904.
infida, 1773.
infixa, 1564*.
infixaria, 2364, 2404, 2500.
infligens, 1931.
infrictaria, 2494.
infundens, 2272.
infusata, 2871.
infusata, 2397, 2818.
Ingena, 2335.
ingloria, 1540.
ingrata, 1440, 3219.
Ingura, 1767.
inhonestalis, 3564.
inimica, 3164.
injectaria, 2559.
injuncta, 1439.
innocens, 1648.
innotata, 2398, 3051.
innubila, 2101.
ino, 2025.
inoperata, 2818.
inopiata, 2800.
inordinata, 1849.
inordinata, 1627, 2452, 3215.
inornata, 1544, 1559.
inscisalis, 3574.
inscripta, 2349.
inscriptalis, 3391.
insignata, 1539, 1147 E.
insignis, 1509.
insolita, 2286.
insolitalis, 3421.
insolitata, 620 A.
insolitus, 3104.
inspersalis, 3339.
inspicillator, 2079.
inspirata, 2426.
instabilata, 2286, 2378.
instabilis, 1819.

instipata, 1454.
instructa, 1779.
insula, 1564.
insulana, 621*.
insularia, 3048.
intacta, 3054.
intactalis, 3487.
intectaria, 2593.
integra, 2113.
integranota, 3075.
integraria, 2596.
integrata, 2494.
intentata, 2847.
intercalata, 2805.
intercisa, 2676.
interfusalis, 3599.
interlineata, 2074.
intermixtaria, 2708.
internella, 613 C.
interpulsata, 2933.
interruptaria, 2636.
interruptata, 2798.
intersepta, 1651.
interstincta, 1572.
intextata, 2710.
intortaria, 2943.
intracta, 1923.
intracta, 1446.
intractabilis, 2599.
intractata, 1680, 2456.
intrahens, 1942 A.
introducta, 2426.
invariella, 3704.
invectalis, 3151.
invectaria, 2559.
invenustalis, 2241, 3323.
inversa, 1987.
invexata, 2818, 2930.
invicta, 1560.
involuta, 1521.
involuta, 1808.
iolealis, 3324.
Iontha, 2049.
iopasalis, 3455.
iphiata, 2311.
Iramba, 2842.
irialis, 3236.
irias, 3116.
iridis, 2336.
Irigilla, 3590.
iriusalis, 3236.
irrecta, 1688.
irrorata, 1580, 2370, 2763.
irrorata, 2759, 3638.
irroratalis, 3005.
irrorea, 3705.
irrorella, 3629.
Isana, 2201.
Isandria, 2588.
Ischalis, 2445.
Ischyja, 2045.
Isnisca, 2380.
Isocentris, 3547.
itemalesalis, 3599.
ithygramma, 2315.
itysalis, 3500.

jacosatrix, 1777.
jaguaralis, 3288.
jaguaria, 2617
janapalis, 3249.
Janarda, 2921.
janiaria, 2397.
Jankowskia, 2522.
japonica, 1768.
japonica, 2068.
jarbusalis, 3320.
Jartheza, 3152.
jasiusalis, 3568.
jinchuena, 2068.
Jobula, 3631.
Jodis, 3100.
jolinalis, 3324.
jopasalis, 3455.
josianella, 3624.
jovialis, 3504.
joviana, 1970.
jovis, 1970.
jubralis, 3124.
jucunda, 1603.
jucundaria, 2502.
jucundella, 3646.
judicata, 1598.
jugalis, 2018.
jugalis, 2254.
jugaria, 1710.
juncea, 2011.
junctalis, 3232.
junctilineata, 2836.
juno, 1990.
jussalis, 2259.
justa, 2036.
justaria, 2315.

kala, 1480.
kala, 2400.
Kalabana, 2397.
kalialis, 2207.
kalitura, 2118.
Kalmina, 2062.
kantalaria, 2318.
karachiensis, 1634.
Karana, 1490.
kenalis, 3613.
Khadira, 2085.
khasiana, 2399, 3079.
khasiana, 2149.
kirbyi, 1858.
klugii, 3701.
Koptoplax, 1916.
korana, 1997.
Krananda, 2475.

Labanda, 1763.
labatalis, 2247.
labda, 2892.
labidalis, 3257.
Lacera, 1950.
laceratalis, 2259.
lacessalis, 2252.
Lacibisa, 2006.
Laciniodes, 2884.
lacteata, 3498.
lacteella, 3659.
lactiferalis, 3293.
lacunaria, 3042.
lacustralis, 3495.
læsalis, 2261.
lætabilis, 1958.
lætata, 3040.
lætifera, 3663.
lætitia, 1883.
lageos, 1969.
Laginia, 2353.
Lagoptera, 1990.
Lagyra, 2397.
lala, 2147, 2414.
lambertella, 3643.
Lamida, 3164.
Lamura, 2194.
lanceata, 1578.
lanceola, 1475.
lanceolata, 1428.
lanipes, 2078.
Laphygma, 1562.
lapidosa, 1443 A.
laportei, 1759.
lapsalis, 2216.
Larentia, 2812.
larentiata, 2411.
Larentiidæ, 2759.
largeteaui, 1707.
lariaria, 3005.
larusalis, 2201.
Lasiacme, 3326.
lasiocamparia, 2689.
Lasiogma, 2831.
Lassaba, 2604.
latalis, 2229.
latalis, 3276.
lataria, 3072.
lateralis, 1943.
latescens, 1651.
laticincta, 1764.
laticostalis, 3471.
laticostatus, 2855.
latifascia, 2864.
latifascialis, 2212.
latifasciata, 2517.
latiferaria, 2532.
latifusata, 2822.
latimarginalis, 3337.

latipennis, 1542.
lativitta, 1738, 1872, 2684, 3491.
lativitta, 1873.
lativittaria, 2793.
latreillei, 1548.
latro, 3140.
laudatella, 3203.
laudula, 1912.
laufellalis, 2263.
laurella, 3712.
lauta, 1689.
lawsoni, 1903.
laxa, 2019.
laxia, 2246.
laxtaria, 2395.
Lazanda, 1763.
Lebena, 613 A.
lebonalis, 3206.
lectula, 2118.
ledereri, 3510.
ledereri, 2835.
lederi, 2592.
Leiocera, 2838.
lentalis, 2212.
lentalis, 3599.
Leocyma, 1596.
leodicealis, 3471.
leonina, 1493, 1983.
leopardina, 2625.
leopardinata, 3012.
leopardinata, 2625.
lepida, 1907.
lepidalis, 3537.
Lepidoneura, 3578.
Lepidoplaga, 3589.
leptaliata, 2308.
Leptodontopera, 2434.
leptogastralis, 3257.
leptomeralis, 3261.
Leptomiza, 2435.
leptosoma, 2402.
Lepyrodes, 3530.
lerne, 2721.
Letchena, 3115.
Leucania, 1577.
leucaniata, 2394.
leucanioides, 1418.
leucanioides, 1462, 1684.
Leucanitis, 2001.
leucatma, 1424.
Leucetæra, 2337.
Leuciniodes, 3532.
leucocephala, 2294.
Leucocosmia, 1568.
Leucocraspeda, 3547.
Leucodesmia, 3065.
Leucogastralis, 2058.
Leucogephyra, 3235.
Leucoglyphica, 3100.
leucomela, 2402.
leucophæa, 1715, 2579.
leucophlebia, 1595.
leucospila, 1495, 1546.
leucospila, 1719.
leucosticta, 2269.
leucostigma, 2128.
leucostigmaria, 3004.
leucotænia, 1884.
leucotelus, 3708.
leucothoalis, 3225.
Libisosa, 2189.
licarsisalis, 3565.
lichenaria, 2938.
licheniferata, 2537.
lichenina, 2563.
lichenoides, 3679.
lictor, 3380.
ligataria, 2913.
Ligdia, 2634.
ligilla, 1931.
lignaria, 2460.
lignata, 2590.
lignifera, 620 C.
lignifusca, 1510.
lignigera, 1637.
ligniplanalis, 2146.
lignosa, 1470.
lignosata, 2536.
lilach, 2000.
lilacii, 2000.
lilacina, 2699.
lilacina, 2284.
limacodina, 1670.
limacodoides, 1559.
limbirena, 2108.
limbolalis, 3549.
limbolaria, 2413.
limitaris, 1939.
lindalis, 3331.
lindusalis, 3331.
linea, 1598.
linealis, 3224, 3229.
linearis, 2032.
lineata, 3098.
lineifera, 2146.
lineola, 3111.
lineolata, 624 A.
Lineopalpa, 1807.
lineosa, 1570, 1809, 2877.
linteola, 1937.
Liodes, 2394.
Lipomelia, 2968.
Lipsotelus, 3679.
lirisalis, 3251.
Lissolica, 3079.
Lista, 3176.
litanalis, 3227.
literata, 1502.
lithina, 2494.
lithosiaria, 2636.
lithosiaria, 2381.
littoralis, 1538.
livida, 1467.
livida, 2806.
Lixa, 3209.
lizetta, 1487.
lobata, 2624.
lobata, 3121.
lobipennis, 3253.
Locastra, 3173.
locusalis, 3122.
Lœtrina, 3287.
lollialis, 3425.
lomaspilalis, 3246.
Lomographa, 2357.
Lomotropha, 3517.
longicorpus, 3589.
longimacula, 2641.
longipalpis, 3284.
longipalpis, 3578.
longipennis, 2239.
Lophochlora, 3092.
Lophocrita, 3053.
Lophodes, 2520.
Lophoptera, 1788.
Lophothripa, 1747.
lora, 3511.
lorei, 1581.
Loryma, 3218.
Lotanga, 3348.
Loxocorys, 3263.
Loxocreon, 3410.
Loxoscia, 3446.
Loxostege, 3575.
lucalis, 3557.
lucanioides, 1462.
Luceria, 2266.
lucida, 1623.
lucidata, 2476.
lucifera, 1452.
lucifera, 2645.
luciferalis, 3511.
luciferata, 2277, 2337.
lucillalis, 3200.
luctuosalis, 3436.
lucusalis, 3557.
ludatrix, 1773.
ludovicata, 2737.
Lugana, 1559.
lugens, 1956.
lugens, 2428.
lumenaria, 2749.
luminalis, 3433.
luminosa, 2065.
lunalis, 3435.
lunaris, 1892.
lunata, 1474.
lunifera, 1687.
lunifera, 1454, 3033.
lunulineata, 2764.
lunulosa, 2890.
Luperina, 1490.

lupinata, 2586.
Lusia, 2187*.
lutea, 2062, 2413.
lutea, 2573.
luteata, 2413.
luteiceps, 2323.
luteifrons, 1520.
luteipalpis, 1969.
luteolaria, 2631.
luteopicta, 2984.
luteoviridata, 3056.
lutosa, 2008.
lutosaria, 2693.
lutra, 1506.
luxaria, 2595.
Luxiaria, 2458.
lycænaria, 3039.
Lycauges, 2915.
lycaugesaria, 1703.
lyciaria, 2601.
lycoides, 3670.
lycopodia, 2020.
lycopusalis, 3280.
lydia, 3708.
lydialis, 3414.
Lygniodes, 1895.
Lygranoa, 2761.
Lygridopsis, 2794.
Lygris, 2835.
Lygropia, 3459.
lymphatalis, 3304.
lyra, 3038.
Lyrcea, 2744.
Lysimela, 2219.
lysimeloides, 2219.
lysistrata, 2667.

Mabra, 3285.
Macaldenia, 1993.
macaralis, 3256.
Macaria, 2477.
macariata, 2753, 3078.
Macariinæ, 2451.
Maceda, 1783.
maceratalis, 3524.
machæralis, 3601.
Machæropteris, 3699.
mackwoodii, 3636, 3707.
Macna, 3184.
Macrobathra, 3655.
macrocalata, 2768.
macrops, 1882.
macruraria, 3034.
mactata, 2596, 2791.
maculicaudaria, 2323.
maculicincta, 2632.
maculicosta, 2159.
maculifascia, 2930.
maculifera, 2654.
maculifera, 2674.
maculosa, 1629, 2652, 437 A.
maculosata, 2360.
mævialis, 3551.
magica, 1983.
magna, 1466.
magnifica, 2974.
magnifica, 3043.
magnificaria, 2352.
Maguda, 2209.
mahura, 2022.
Maidana, 2525.
maimonalis, 3173.
major, 1532.
malayana, 3500.
malayanus, 2996.
malayaria, 2996.
malescripta, 2512.
Maliattha, 1608.
maliferalis, 3474.
maligera, 2081.
maligna, 2485.
mallarba, 1658.
malvæ, 1647.
Mamestra, 1477.
mancipatalis, 2238.
mandatalis, 2257.
manihotalis, 3203.
manlia, 2045.
Manoba, 613 A.
mansueta, 1642, 1783.
mantusalis, 2220.
manxifera, 2521.
maori, 1525.
maorialis, 3583.
maoriata, 2536.
Marapana, 2230.
Marasmia, 3326.
maraxaria, 1724.
Marcala, 2367.
Marcillada, 2132.
margaritaria, 3514.
margaritata, 2342.
Margarodes, 3471.
Margaronia, 3481.
margaronialis, 3362.
Margaroniinæ, 3469.
marginalis, 3346, 3493, 3548, 3569, 3582.
marginalis, 1610, 1682,
marginata, 2006, 2061, 2184, 2476, 3493.
marginata, 2185, 2728, 3479.
marginipennis, 2332.
Mariaba, 2859.
mariana, 2658.
maricalis, 3206.
marinaria, 3084.
marinata, 3474.
marionalis, 3408.
marisalis, 3326.
marmarina, 3587.
marmorata, 2271.
marmorea, 1604.
marmorea, 3224.
marmorealis, 3135.
Marmorinia, 2136.
Maroga, 3640.
martaria, 2628.
marthalis, 3209.
marthesiusalis, 3483.
martiata, 2390.
Maruca, 3552.
Masalia, 1425.
Masca, 2058.
massalis, 3575.
mastrucata, 1912.
masurialis, 2241.
Matella, 2148.
materna, 2092.
Mathura, 2248.
maturata, 1977.
maturescens, 1976.
matutinata, 2648.
mauraria, 2605.
mauritia, 1539.
mauritialis, 3200.
maurus, 1899.
Maxates, 3077.
Maxilua, 1718.
maxima, 1532, 2023, 2607.
maxima, 1536.
maximaria, 2942.
Maxula, 2073.
mayeri, 2018.
meanaria, 2535.
meandraria, 3055.
Mecyna, 3583.
medardaria, 2406.
Medasina, 2604.
medialis, 3588.
mediastina, 3708.
medinalis, 3324.
mediolimbata, 2435.
mediovittaria, 2787.
medmaria, 2768.
Megalodes, 1617.
megalopsalis, 3330.
megapteralis, 3382.
megaspilaria, 3037.
megaspilata, 2531.
megaspilata, 2810.
megastigma, 1500.
megei, 1760.
megillalis, 3405.
melagonata, 2748.
Melanchra, 1433.
melanochra, 3657.
Melanodes, 2516.
melanodes, 3238.

Melanomecyna, 3591.
melanospila, 1498.
melanostigma, 1607.
melanostigma, 3640.
melanuralis, 3478.
meleagris, 1934.
meleagrisalis, 3618.
melesalis, 3262.
melicerte, 1953.
melinata, 2587.
meliorella, 3695.
Melissoplaptes, 3145.
Melitulias, 2845.
melonalis, 3612.
memnialis, 3615.
memorata, 2887.
mendax, 1931.
Menoctenia, 2694.
Menocteniidæ, 2688.
Meranda, 2229.
mercatoria, 1954.
Mergana, 2697.
meridionalis, 1631, 3537.
meritalis, 3294.
Meroctena, 3538.
meropalis, 3234.
Merotoma, 3409.
mesenterialis, 3187.
mesogona, 1807.
mesogrammata, 2878.
Mesopempta, 3137.
Mesothyris, 3193.
Mesotrophe, 2942.
Messatis, 3186.
Mestleta, 1671.
metachromata, 2621.
Metachrostis, 1653.
metagona, 2142.
metagonaria, 2481.
metaleucalis, 3258.
Metallarchia, 3575.
metallaria, 2353.
metallescens, 2096.
Metallolophia, 3028.
metaphæa, 1797.
metaphæaria, 2528.
Metasciodes, 3415.
Metasia, 3588.
metaspila, 1921, 2409.
metaspilata, 2870.
metaxantha, 1811.
metaxanthata, 2712.
Meterana, 1488.
Methorasa, 1548.
Methypsa, 3642.
meticulosalis, 3543.
metisalis, 2212.
Metæca, 3224.
Metoportha, 3542.
Metopta, 2074.
Metoxydia, 2449.
Metrocampa, 2341.
Meyrickiella, 3140.
mezentia, 1956.
micacealis, 3125.
micaceata, 2336.
Micardia, 1615.
micealis, 2212.
Micra, 1671.
Micractis, 3600.
Micræschus, 1704.
Micreremites, 2224.
Microdes, 2857.
microneata, 2732.
Micronia, 2313.
Microniidæ, 2296.
Microniodes, 2333.
Micronissa, 2342.
Microsca, 3115.
Mieza, 3667.
Milionia, 2681.
militaris, 2986.
milvinalis, 3348.
Mimaglossa, 3172.
mimica, 3431.
mimicalis, 2243.
mimicus, 3685.
Mimochroa, 2428.
Mimoschinia, 3618.
mindora, 2145.
minereusalis, 2153.
minervaria, 2992.
miniacea, 1982.
miniata, 3106.
Minica, 1789.
minicula, 3115.
minima, 3191.
minimaria, 3027.
Miniodes, 2084.
miniosata, 2831.
Minnagora, 613 A.
minnehaha, 3597.
minor, 1694, 3169.
minoralis, 3413.
minualis, 3424.
Minucia, 1991.
minuticornis, 2100.
mirabilis, 1964.
miranda, 2626.
mirandaria, 3070.
miraria, 2295.
mirificalis, 3366.
Mirobriga, 3287.
miscella, 2382.
misera, 2901.
miseralis, 3203.
mistacalis, 2242.
mitigata, 2426.
Mixolophia, 3047.
Mixophila, 3221.
mixtaria, 2857.
Mixtila, 2166.
Mnesampela, 2505.
Mnesictena, 3587.
Mnesigea, 2597.
Mnesithetis, 2946.
Mniocera, 2660.
moderata, 1456, 2862.
modesta, 1446, 2069.
modesta, 1946, 2258.
modestalis, 3255.
mœliusalis, 3410.
Mœpa, 1933, 2044.
mœrulalis, 3561.
mœstalis, 2172.
mœstaria, 2734.
moira, 1831.
mölleri, 3012.
mollis, 2069, 2235.
mollisata, 2581.
moloalis, 2212.
molybdænalis, 2166.
Molybdantha, 3301.
molybdias, 2959.
Moma, 1835.
momusalis, 2212.
monana, 2781.
moncusalis, 3164.
monesusalis, 3475.
monetaria, 2937.
moniliata, 2800, 2841.
moniliferaria, 2772.
monochromalis, 3268.
monochromata, 2930.
Monocrocis, 3549.
monoleuca, 1709.
monolitha, 1465.
Monopis, 3695.
Monotaxia, 2732.
moola, 1921.
moorei, 1871.
Morocosma, 3514.
morosa, 2408.
morotai, 2662.
mortuata, 2777.
morvusalis, 3478.
Mosara, 1943.
Moscha, 2271.
Mucialla, 3139.
mucidalis, 3617.
mucidaria, 2607.
multicolor, 1990.
multifilaria, 2882.
multiguttata, 1691.
multilinealis, 3456.
multiplicans, 1769.
multipunctaria, 2509.
multiscripta, 2085.
multistrigaria, 2318.
munda, 1439, 2665.
mundaria, 2298.
mundaria, 2919.
mundata, 1905.

mundicolaria, 1686.
mundicolor, 2025.
mundiferaria, 2704.
mundissima, 2960.
murcusalis, 3406.
Murgisa, 2196.
muriferata, 2442.
murinalis, 2188, 3592.
muscicoloraria, 3023.
muscosaria, 2533, 3015.
muscosata, 2850.
mustelalis, 3602.
mutans, 1510, 2111.
mutata, 2018.
mutata, 2724.
mutilata, 1816.
mutualis, 3570.
mygdon, 2035.
mygdonia, 1889.
mygdonias, 2035.
myops, 1970.
Myrioblephara, 2542.
myrsusalis, 3121.
myrtæa, 3119.
Myrteta, 2333.
mysolalis, 3272.
mysolalis, 3309, 3444.
mysolata, 2467.

Naarda, 2263.
Nabartha, 2184.
Nabla, 2367.
Nachaba, 1766.
Nacoleia, 3406, 3408 A.
Nadagara, 2452.
Nadagarodes, 2467.
næmata, 2822.
Nænia, 1463.
nævina, 3134.
Nagadeba, 2211.
Nagasena, 1714.
Nagia, 3446.
Nahara, 2171.
Naharra, 1915.
Nalca, 1926.
namuella, 3696.
nanda, 3100.
nara, 2134.
naralis, 3498.
Naranga, 1661.
Narapa, 2555.
nareda, 1578.
Narycia, 3705.
Nasaya, 2132.
Nascia, 3599.
natalis, 1547.
Nausinoë, 3529.
navigatorum, 3111.
Naxa, 2745.
Naxia, 1979.
Naxidia, 2759.
Nearcha, 2705.
Nebrissa, 1571.
nebulalis, 3533.
nebuligera, 2021.
nebulilinea, 2010.
nebulosa, 2328.
Nechesia, 2223.
Necyopa, 2501.
Nedroma, 1787.
negatalis, 3475.
negataria, 2897.
Negeta, 1714.
nehata, 2810.
nelera, 2997.
neleusalis, 2219.
nelsonaria, 2441.
Nematois, 3709.
nemoralis, 3359.
Nemoria, 3071.
neoclesalis, 3328.
neomera, 3488.
neonora, 2479.
Neophruda, 3285.
neptalis, 3529.
neptis, 3529.
neptisalis, 3529.
nereis, 3482.
Nertobriga, 1719.
Nesarcha, 3585.
nesciaria, 2897.
Neuria, 1477.
Neviasca, 2052, 2198.
Nevrina, 3371.
newmannaria, 2438.
nexalis, 1668.
ni, 2110.
nicippealis, 3394.
nicoalis, 3374.
nictata, 2913.
nictitans, 1484.
Nigasa, 2689.
nigerrima, 1479.
nigerrima, 1480.
Nigilgia, 3676.
nigralbata, 2771.
nigraria, 2546.
nigrescens, 1947.
nigricalis, 3183.
nigriceps, 2174.
nigricornalis, 3567.
nigridorsaria, 2564.
nigrifascia, 2269.
nigrifascialis, 3151.
nigrifasciata, 2589.
nigrilinea, 1790.
nigrilinealis, 3399.
nigripalparia, 2464.
nigripalpis, 1922.
nigripalpis, 2265.
nigriplaga, 2270.
nigrisigna, 2104.
nigrisigna, 2013.
nigritarsis, 1810.
nigrivitta, 3213.
nigrofimbrialis, 3466.
nigrogrisea, 1514.
nigronotaria, 2763.
nigropunctalis, 3488, 3581.
nigrosigna, 1449.
nigrosignata, 1936.
nigroviridis, 1473.
nigrovittata, 2602.
nigrozonata, 2730.
niguzaria, 2418.
Nikara, 1523.
nilalis, 3411.
nilgirica, 1605.
nilusalis, 3404.
nilusalis, 3411.
Ninodes, 2356.
Niphadaza, 3533.
Niphograpta, 3600.
niphona, 2191.
niphonica, 2385.
Niphonissa, 2436.
Nishada, 562 A.
Nisista, 2504.
Nistra, 3305.
nitens, 3130.
nitetisalis, 3612.
nitida, 1464.
nitida, 3310*.
nitidicostalis, 3471.
nivea, 2304, 2746.
niveigutta, 1618, 3660.
niveiguttata, 3660.
niveiguttella, 3660.
niveiplaga, 1492.
niveiplaga, 1558.
niviapex, 1688.
nivibractella, 3695.
nivifascia, 1561.
niviguttella, 3660.
nivileractella, 3695.
nivosa, 1628.
nivosaria, 2288.
Nobilia, 2972.
noctescens, 3377.
noctinix, 2195.
Noctuelia, 3618.
noctuella, 3563.
nocturna, 1527.
Nodaria, 2215.
Nola, 613 A.
Nolasena, 1732.
Nomophila, 3563.
Nonagria, 1594.
nonagrica, 1568.
nonatrum, 1458.
nonusalis, 3205.
Noorda, 3580.
nora, 2479.

norbeata, 2661.
Noreia, 2733.
normis, 2877.
Nosophora, 3353.
notabilis, 1621, 1644.
Notarcha, 3446.
Notaspis, 3586.
notata, 2025, 2263.
notatalis, 3346.
Nothosalbia, 3359.
nothusalis, 2221.
notodontaria, 2504.
nubes, 1539.
nubifera, 1762.
nubilosa, 2398, 3168.
numana, 2973.
numanaria, 2973.
numenia, 2973.
nunctata, 2467.
nundata, 2374.
nurscialis, 3325.
Nustidava, 2472.
Nyctarcha, 3619.
nyctealis, 3499.
nyctemerata, 3001.
Nycterobia, 3637.
Nyctipao, 1883.
nympha, 3246.
nymphæa, 1843.
Nymphæella, 3224.
Nymphula, 3224.
Nymphulidæ, 3221.
nypsiusalis, 3590.

obacerralis, 2241.
Obana, 1550, 1686.
Obdora, 2136.
obductalis, 2249.
Obeidia, 2644.
obesata, 2739.
obfuscata, 2807.
obitalis, 3229.
objectaria, 2603.
obliqua, 1539.
obliqua, 1845.
obliqualis, 2241, 3137.
obliquaria, 2310, 2369, 2436.
obliquata, 1775, 2461.
obliquefasciata, 3635.
obliquella, 3693.
obliquifascia, 2741.
obliquifasciata, 2272.
obliquilinea, 2393.
obliquissima, 3054.
oblita, 3467.
obliterans, 1513.
obliterans, 1890, 2040.
obliterata, 1841, 2545.
obliterata, 2611, 2867.
obliterosa, 3145.
obliviaria, 2931.
oblongata, 2677, 2788.
obrimaria, 2360.
obrinaria, 2931.
obrinusalis, 3460.
obscura, 2360, 3164.
obscura, 3672.
obscurata, 2938.
obscurata, 2780.
obsistalis, 3617.
obsoleta, 2730.
obstataria, 2460.
obstataria, 2936.
obstructa, 1544.
obstructa, 1785.
obstructalis, 2268.
obstructalis, 3562.
obtectaria, 2534.
obtenta, 1783.
obtruncata, 2444.
obtusaria, 2444.
obtusata, 2302, 2444.
obtusata, 2690.
obtusicauda, 2325.
obtusisigna, 2109.
obumbrata, 1969.
occlusa, 3125.
occlusata, 2809.
occultaria, 3030.
ocellata, 2965.
ocellifera, 3645.
ochnodes, 3353.
ochracea, 2062, 2890.
ochracea, 1441.
ochranthes, 3694.
ochrealis, 3594.
ochreiocostalis, 2749.
ochreipennis, 2240.
ochrifera, 1900.
Ochyria, 2803.
Ocrasa, 3209.
octasema, 3422.
octavialis, 3338.
octo, 1544.
octomaculalis, 3516.
ocularia, 2000.
ocularis, 3329.
oculicola, 2034.
odataria, 2483.
Odites, 3626.
Odontodes, 1787.
Odontopera, 2436.
œaxalis, 3415.
Oëbia, 3536.
œchophoroides, 3695.
Œcinea, 3708.
Œcobia, 3705.
Œcophoridæ, 3643.
Œdematarcha, 3376.
œmealis, 3436.
œnealis, 3204.
Œnochroma, 2694.
Œnogenes, 3192.
Œnospila, 3085.
Œta, 3660.
œthonalis, 3226.
ogoalis, 3457.
oileusalis, 2183.
olearia, 2928.
Oletreutinæ, 3678.
Oligernis, 3235.
Oligocentris, 3386.
Oligostigma, 3237.
olivacea, 1500, 1632.
olivacea, 1938.
olivascens, 1799.
olivataria, 2432.
olivea, 1628.
olivea, 1632.
olivescens, 1939, 2572.
oliviaria, 2931.
omicronigera, 1851.
Omiodes, 3377.
Omiza, 2367.
omma, 1948.
ommatalis, 3329.
Ommatophora, 2065.
Ommatophorinæ, 2065.
Omophyseta, 2625.
Omphisa, 3545.
omphisalis, 1686.
Onebala, 3628.
onelia, 1969.
Onellaba, 2635.
onerata, 1995.
Onevatha, 2192.
onustalis, 3253, 3388.
onychinalis, 3341.
Onycodes, 2693.
opalalis, 3497.
opalescens, 1666.
opalina, 3082.
opalina, 3310.
opalinalis, 3383.
opalinoides, 1624.
opella, 1639.
Ophideres, 2085.
ophideres, 3619.
ophideresana, 3619.
Ophiderinæ, 2079.
ophideroides, 2094.
Ophisma, 1979.
Ophiuche, 2239.
Ophiusa, 1960.
ophiusalis, 2135.
ophiusaria, 2692.
Ophiusinæ, 1949.
ophiusoides, 2256.
opicata, 2912.
opiliusalis, 2266.
opisalis, 3438.

ophristigmaris, 1887.
Opistheideicta, 3235.
opposita, 1773.
oppositalis, 3185.
oppositata, 2317.
Opsibotys, 3600.
optativa, 1923.
optatura, 1923.
Opthalmodes, 2538.
optima, 2687.
optiva, 1620.
optivata, 2898.
Opula, 3115.
Oræsia, 2096.
Orbasia, 2421.
orbiculifera, 3168.
orbifera, 2164.
orbiferata, 1147 E.
orbigera, 2075.
orbonalis, 3532.
orcina, 1888.
ordinaria, 2803.
Orgalima, 2730.
Organopoda, 2945.
orgyoides, 2196.
orichalcea, 2103.
orichalcias, 3712.
orientalis, 1415.
oriolus, 2027.
orissusalis, 3398.
ornata, 2084, 2717.
ornatalis, 3311.
ornatalis, 3323.
ornatum, 3241.
ornithopteralis, 3584.
Ornithospila, 3096.
Oroba, 2167.
orobenalis, 3455.
Orosa, 1743.
Orosana, 3619.
orosia, 2232.
orosialis, 2232.
Orphanostigma, 3337.
Orphnophanes, 3264.
Orrea, 2044.
Orsonoba, 2396.
Orthaga, 3177.
Orthocabera, 2333.
Orthocona, 3415.
Orthogonia, 1469.
Orthopygia, 3209.
Othora, 1733.
orthosiana, 2007.
orthosiodes, 1918.
Orthospila, 3387.
Orthostixidæ, 2718.
Orthotrichophora, 3164.
Ortopla, 1916.
Orudiza, 2277.
Oruza, 1702.
osacesalis, 3109.
Osca, 2167, 3115, 2134 A.
Osicerda, 2380.
ossea, 2494.
Ossonoba, 1820.
ostentalis, 3469.
Osteosema, 3093.
ostorius, 2031.
Ostrinia, 3600.
Othora, 1733.
otiosa, 1913.
otrealis, 3564.
otreusalis, 3564.
otysalis, 3456.
Ourapteryginæ, 2318.
Ourapteryx, 2318.
ovifera, 3119.
ovisignata, 2943.
Oxænanus, 2205.
Oxira, 1436.
Oxigrapha, 3681.
Oxycophina, 3136.
Oxygrapha, 3681.
Oxyodes, 2059.
Oxyptilus, 3620.
ozararia, 2487.
Ozarba, 1653.
Ozola, 2753.

pacalis, 3284.
pachiaria, 2368.
Pachyarches, 3474.
Pachydasis, 1557.
Pachylepis, 1670.
Pachyodes, 3001.
pachytera, 3141.
Pachythyris, 3106.
Pachyzancla, 3568.
pacifica, 1523, 3067.
Pacoria, 3186.
pactalis, 2242.
pærlita, 2534.
paganata, 2470.
Pagrasa, 2367.
Pagyda, 3314.
Palara, 1694.
Paliga, 3600.
Palindidæ, 1706.
pallens, 2007.
pallescens, 1989.
palliatrix, 1773.
pallicinctaria, 2888.
pallicostalis, 3380.
pallicostaria, 2544.
pallida, 1418, 1613, 1825, 1786, 2070, 2266, 2396, 2398.
pallida, 2910.
pallidalis, 3257.
pallidaria, 2821.
pallidaria, 2552.
pallidilinea, 1921.
pallidularia, 2527.
pallidus, 1825.
pallivittata, 3205.
pallivittata, 2951.
pallula, 2029.
palmyra, 2999.
palpalis, 2182.
palpalis, 1570, 3355.
Palparia, 3643.
palparia, 2730, 2730*.
palpata, 2848.
palthidata, 2445.
palumba, 1993.
pamphilata, 2891.
pamphosalis, 1764.
Panæthia, 2647.
panœusalis, 3257.
panagraria, 2500.
panagrata, 2535.
pandamalis, 3387.
Pandesma, 1901.
pandia, 2070.
pangialis, 3600.
pangonia, 1999.
Panilla, 1934.
pannata, 2298.
pannosa, 3038.
pannularia, 2536.
pansalis, 2017.
panterinaria, 2511.
Pantœocome, 3566.
Pantura, 2135.
Pantydia, 1917.
papuensis, 3125.
papulalis, 3242.
para, 3020.
Paracrama, 624 B.
Paradarisa, 2612.
paradoxa, 1542.
Paralcis, 2552.
parallela, 1573.
parallelaria, 2498.
Paralophia, 2820.
Paramaxates, 3079.
Paraplaneta, 2779.
Parapoynx, 3224.
Parasarama, 3170.
Parasynegia, 2362.
Parathemis, 2601.
Paravetta, 3214.
Parbokla, 3375.
pardaria, 2366, 2622.
pardicelata, 2531.
Pardomima, 3459.
Paredra, 3217.
Pareilicrinia, 2391.
parellaris, 2032.
Pareumelia, 2331.
Paricterodes, 2616.
paronalis, 3585.

Parotis, 3474.
parsimonalis, 2140.
partialis, 3489.
particolor, 2563.
partita, 1902, 3045.
Parudea, 3554.
parva, 2578.
parvalis, 3507.
parvalis, 3279.
parvipennis, 1876.
parvula, 2284, 3027.
parvulata, 3072, 3076.
pascua, 613 c.
Pasipeda, 1993.
Pasipeda, 2126.
Pasiphila, 2849.
Passa, 2517.
pastinaria, 2800.
Patæta, 1772.
Patania, 3440.
patna, 2126.
patronalis, 2183.
patruelis, 2932, 3366.
Patruissa, 2367.
Patula, 1882.
patula, 2992.
patulalis, 3430.
patularia, 2536.
patularia, 2450.
paucifera, 2288.
paucipunctalis, 3293.
pauperata, 1493, 2895.
pavona, 2019.
pectinicornalis, 3560.
pectoralis, 2048.
Pelecyntis, 3410.
peleusalis, 2198.
Pelina, 3263.
pellio, 2129.
pellita, 2018.
pelloniaria, 2956.
pelopsaria, 2873.
peltigera, 1420.
penicillaria, 2413.
Penicillaria, 1777.
penicillata, 3084, 3164.
peninsulata, 1517.
pennisignata, 3096.
penthearia, 2497.
Penza, 1558.
peracutata, 2783.
peralba, 2910.
Peratophyga, 2354.
percandida, 3148.
perceptata, 2869.
Perciana, 1604.
percisa, 1580.
Percnia, 2640.
percomptaria, 3016.
percota, 2998.
perdensata, 2733.
perdica, 2672.
perductata, 2800.
peremptaria, 2498.
perfectaria, 3001.
perfectata, 2775.
perficiens, 1994.
perfidiosa, 1925.
perflua, 1468.
perfusaria, 2493.
peribocalis, 3242.
Peridroma, 1444.
perieresalis, 3191.
Perinænia, 1470.
Perissolophia, 3019.
Perisyntrocha, 3247.
perithea, 2723.
Perixera, 2931.
Perizoma, 2823.
perlineata, 2894.
permotaria, 2459.
permunda, 1539.
Peronea, 3681.
peropaca, 1958.
perplexata, 2503.
persimilis, 1843, 2072, 2261.
personaria, 2472.
perspectalis, 3298.
perspicillalis, 3507.
perspicillaris, 1592.
perspicillator, 2081.
perspicualis, 3342.
perspicuaria, 2487.
perspicuata, 2570.
pertendens, 1923.
perturbans, 2137.
pertusaria, 2538.
perversa, 2179.
perversata, 2800.
perviaria, 2496.
Petelia, 2406.
Petrodava, 2415.
Peucela, 3205.
pfeifferæ, 3470.
phædrusalis, 2186.
phænnisalis, 3556.
phæopteralis, 3564.
Phagytra, 2058.
Phakellura, 3515.
Phalangiodes, 3529.
phalarota, 2471.
phaleasalis, 3423.
Phalga, 1807.
Phallaria, 2692.
Phanaca, 1822.
phanasalis, 3475.
phantasma, 2298, 2415.
Pharambara, 3115.
pharaxalis, 3565.
Phasga, 3217.
phasianalis, 3123.
phasipennis, 1847.
Phelotis, 2597.
phereciusalis, 3174.
phibalapteraria, 2597.
Phibalapteryx, 2775.
phidiasalis, 3165.
Philecia, 1723.
philemonalis, 2210.
Philereme, 2769.
philiasalis, 3171.
Philobota, 3649.
phineusalis, 2220.
phlegetonaria, 2696.
phlegeusalis, 2198.
Phlyctænodes, 3575.
Phædropsis, 3387.
Phœnix, 2367.
phœnix, 2416.
Phorica, 1847.
Photoscotosia, 2831.
Phrissogonius, 2855.
phrynealis, 3297.
phryneusalis, 3478.
Phthonoloba, 2876.
Phthonandria, 2598.
Phthonosema, 2508.
Phumana, 1768.
Phycidicera, 3426.
Phycodes, 3676.
Phyletis, 2955.
Phyllodes, 2079, 2081*.
Phyllophila, 1636.
phyllosaria, 2458.
phytonalis, 3512.
Piada, 1768.
picalis, 3239.
picaria, 2403, 2758.
picata, 3247.
picata, 1612.
picrogramma, 3251.
picta, 1541.
picta, 1567, 1856.
pictalis, 3202.
picticaudata, 2320.
pictula, 1488.
piepersialis, 3500.
piepersiata, 2680.
pieroides, 3067.
pilaria, 3080.
Piletocera, 3271.
pilicostata, 2537.
Piloptila, 3567
Pilosocrures, 1845.
Pilostibes, 3637.
Pinacia, 3366.
Pinacia, 2166.
Pinaciinæ, 3361.
pinastri, 1528.
Pindara, 1958.
Pindicitora, 3151.
Pingasa, 3001.

pinguis, 2656.
Pionea, 3592.
pipleidalis, 3537.
pipleisalis, 3537.
Pisoraca, 2936.
Pitacanda, 3559.
Pitacota, 1926.
Pitama, 3481.
Pitane, 3708.
Pitrasa, 1785.
placens, 1706, 3596.
placida, 1588, 2131, 2801.
placida, 2484.
Placotome, 2886.
plagiata, 3117.
plagiata, 2433, 2671.
plagiatalis, 3455.
plagifera, 3119.
plagifera, 2231, 2613.
plagiferalis, 3463.
plagifurcata, 2800.
plana, 3220.
plana, 3136.
planaria, 2333.
Platamonia, 3334.
Plataplecta, 1531.
plateni, 1899.
platycapua, 3345.
Platycerota, 2339.
Platydasis, 1556.
Platyja, 2047.
platyleucata, 2338.
platymitris, 3205.
Platypeplum, 3678.
platypoda, 2058.
Platyptilia, 3621.
Platytes, 3147.
Platythiris, 3106.
plebejalis, 3564.
Plecoptera, 2009.
plecta, 1445.
Plemyria, 2802.
plena, 1433.
plenifasciata, 2545.
pleniferata, 2569.
pleniferellus, 3150.
Pleonectusa, 3255.
Pleurona, 2063.
Pleuroptya, 3442.
plexippusalis, 3294.
plicatalis, 3244.
Plotheia, 1733.
plumbalis, 3301.
plumbea, 1774.
plumbealis, 2166.
plumbeolinealis, 3147.
plumifera, 3362.
plumipes, 1930.
plurilinearia, 2884.
plurilineata, 2805.
pluristriaria, 2362.
Plusia, 2103.
plusiata, 1457, 2713.
Plusiinæ, 2103.
Plusiodes, 1713.
plusioides, 1771.
plusioides, 1773.
Plutodes, 2346.
Plutodinæ, 2333.
plutusalis, 3401.
plynusaria, 2969.
poaphiloides, 1574.
podaliriata, 2321.
pœasalis, 3315.
pœcila, 2376.
Pœcilalcis, 2555.
pœcilaria, 2601.
Pœciloptera, 3660.
pœonalis, 3411.
Pœta, 1770.
pœusaria, 2073.
polemusa, 1586.
Polia, 1523.
poltisalis, 3467.
polusalis, 3283.
polybapta, 3514.
polychroma, 1928.
Polycorys, 3432.
Polydesma, 1912.
Polydesminæ, 1901.
polygonalis, 3583.
Polygonia, 2446.
Polygrammodes, 3557.
polygrapha, 1796.
polygrapha, 1945.
polygraphalis, 3138.
polygrapharia, 3079.
Polynesia, 2885.
polyodon, 1592.
polyphænaria, 3019.
Polyphasia, 2825.
polyspila, 2004.
Polytela, 1416.
Polythlipta, 3525.
pomalis, 3184.
Pomasia, 2838.
pomona, 2085.
pomonalis, 3481.
pompusalis, 3462.
ponderata, 2507.
pontiata, 2311.
porphyretica, 1849.
Porphyrinia, 1671.
porrectaria, 2500.
portialis, 3190.
postica, 1490, 1624.
posticalis, 2271.
posticata, 2457.
posticata, 1681.
postvittanus, 3683.
postvittata, 2459.
Potamophora, 2045.
Potera, 2625.
Pradatta, 1425.
Pradiota, 2052.
præcedens, 1920.
præcipua, 2134.
præclararia, 2544.
prægnax, 1841.
Præsos, 2658.
prætereuns, 2460.
prætexta, 1773.
prætextata, 2528.
prætoraria, 2327.
præusta, 2738.
Pramadea, 3432.
prasina, 2343.
prasinalis, 3184.
prasinaria, 1600.
prasinus, 3059.
prasonarius, 2954.
Praxis, 1849.
precedens, 1920.
Premusia, 1942 A.
pretiosalis, 3322.
primordialis, 3298.
principalis, 3501.
principaria, 2349.
Prionia, 2380.
Pristostegania, 2358.
privata, 1811, 2895.
privata, 2506.
proba, 2993.
Probithia, 2458.
Problepsis, 2963.
Probolœa, 2810.
Probolosceles, 3074.
proboscidalis, 2240.
proboscidaria, 2879.
procellata, 2802.
procellosa, 1950, 2530.
proceralis, 3544.
procopia, 3371.
procopialis, 3371.
procurata, 2499.
Prodenia, 1538.
prodita, 1493.
proditaria, 2485.
productalis, 3264.
productalis, 3210.
productata, 2584.
profanaria, 2921.
Progonia, 2183.
prolifera, 1511.
promelanaria, 2708.
promptaria, 2554.
promptata, 2775.
pronaxalis, 3453.
Proneca, 620 C.
pronœalis, 3202.
Procœdema, 3574.
properata, 2559.

propinqua, 1808, 2801.
propinqualis, 3465.
propinquaria, 2581.
proposita, 2581.
propulsaria, 2562.
Prorodes, 3431.
proscripta, 1594.
Prosopolophinæ, 2503.
Prospalta, 1490.
Proternia, 3575.
protheclaria, 2277.
prothymalis, 3502.
proxima, 2727.
proximalis, 3219, 3294, 3307, 3478.
proximalis, 3201.
proximaria, 2490.
pruinosa, 3071.
pruinosa, 1533, 3652.
prunicolor, 1991.
prunifera, 620 B.
pryeri, 1556, 2388, 2490.
Pseudaglossa, 2197.
Pseudanalthes, 3351.
Pseudangerona, 2593.
Pseudasopia, 3209.
Pseudasthena, 2888.
Pseudathyrma, 1995.
Pseudebulea, 3592.
Pseudelydna, 1827.
Pseudepunda, 1531.
Pseuderythra, 2415.
Pseudocalpe, 2101.
Pseudocaprima, 3668.
Pseudochoreutis, 3287.
Pseudocoremia, 2584.
Pseudo-Geometrina, 2296.
Pseudogonitis, 1815.
Pseudomicra, 1682.
Pseudomicronia, 2317.
Pseudomiza, 2440.
Pseudosestra, 2443.
pseudospretella, 3654.
Pseudosteganía, 2882.
Pseudosterrha, 2892.
Pseudoterpna, 3001.
Psilalcis, 2550.
Psilocambogia, 2887.
Psilosticha, 2596.
Psilotagma, 3022.
psittacalis, 3474.
psylaria, 2838.
Psyra, 2421.
Pterophoridæ, 3620.
Pterogonia, 1722.
pterophoralis, 3248.
Ptisciana, 1739.
ptolycusalis, 3235.
Ptychopoda, 2921.
pubescens, 3193.
pudens, 2072.
pudica, 3647.
pudicata, 2767.
pudicula, 3118.
puellaria, 2304.
puera, 1749.
puerita, 3529.
pulchellalis, 3158.
pulchra, 1578.
pulchra, 1616.
pulchralis, 3270.
pulchrilinea, 1550, 2841.
pulchrilineata, 2453.
pulchrinervis, 2684.
pulchripicta, 1723.
pulchripicta, 1599.
pulchrivena, 1863.
pulinda, 2494.
pullatalis, 3272.
pultenææ, 3639.
pulverata, 2230.
pulverea, 2282.
pulverosa, 1419.
punctata, 1744, 3674.
puncticeps, 1558.
punctifera, 2363.
punctifera, 2633.
punctiferalis, 3393, 3484.
punctiger, 2426.
punctigera, 1660.
punctilinea, 2352.
punctilinealis, 1686.
punctilineata, 2007.
punctilineata, 2444, 2812.
punctiplaga, 1513.
punctisigna, 1507.
punctosa, 1859.
pungata, 2587.
punicea, 2693.
punicearia, 2736.
pupillata, 2541.
pura, 1679.
pura, 2510.
puralis, 3133.
Purbia, 2085.
purissima, 2117.
purpurascens, 3598.
purpureilinea, 1864.
purpureoscripta, 1824.
pusilla, 3619.
pusilla, 2628.
pustularia, 1147 B.
pustulifera, 1798.
Pycnarmon, 3288.
Pygospila, 3518.
pyloalis, 3509.
pyraliaris, 3197.
pyraliata, 3121.
pyraliata, 3196.
Pyralidæ, 3194.
Pyralis, 3201.
pyralisalis, 3166.
pyraloides, 1805.
pyramidea, 1465.
Pyrausta, 3600.
pyraustalis, 3414.
Pyraustidæ, 3287.
Pyraustinæ, 3537.
pyreniata, 2379.
pyriniata, 3111.
Pyriniodes, 3115.
pyrrhalis, 3402.
pyrrhargyra, 2002.
pyrrhata, 3113.
pyrrho, 2681.
pyrrhularia, 2378.

quadræquata, 2896.
quadralis, 2235, 3587.
quadraria, 3080.
quadratalis, 3543.
quadratipennis, 1818.
quadricaudata, 2278.
quadricostaria, 1695.
quadrifasciata, 1683.
quadrifera, 2567.
quadriferalis, 3544.
Quadrifidæ, 1834.
quadriguttalis, 3445.
quadrilinea, 2169.
quadrilinealis, 2169.
quadrilineata, 1678.
quadrilineata, 2006.
quadrimaculalis, 3458, 3503.
quadrimaculata, 2469.
quadrimaculatus, 2124.
quadrinotata, 1553, 1798.
quadripartita, 1619, 2678.
quadriplaga, 1865.
quadriplagiata, 2659.
quadripunctula, 3124.
quadrisignata, 1914, 3358.
quadristrigaria, 2390.
quadristrigata, 1787, 2183.
quadristrigata, 2282.
quæsita, 2012.
quantula, 3062.
quartanata, 2803.
quaternalis, 3459.
quaternaria, 2692.
quenavadi, 1901.
quieta, 1548, 2930.
quinaria, 3041.
quinaria, 1653.
quinquelinealis, 1672.
quinquepunctalis, 3487.
quintana, 1641.

rachiaria, 2765.
Racotis, 2542.

radians, 1598 A.
radiata, 3676.
radiata, 3121.
radicalis, 3372.
Radinacra, 1570.
rafflesii, 3056.
Ragana, 2213.
ragusana, 1672.
rajaca, 2396.
rajah, 3107.
rama, 3195.
Rambara, 2747.
Ramila, 3153.
ramosa, 2615.
rana, 2657.
Ranaja, 1828.
ransonneti, 1728.
Raparna, 2172.
rapistriaria, 2887.
raralis, 2230, 3450.
rarata, 2732.
Ravanoa, 3296.
ravolalis, 3204.
rawakensis, 2686.
recensitaria, 2854.
receptella, 3699.
recessa, 2993.
recessata, 2898.
reciproca, 2768.
reciproca, 1443.
reciprocaria, 2554.
reciprocatus, 3057.
reclusa, 1452, 1568.
reclusa, 1569.
recondita, 1435, 1918.
rectata, 2306.
rectella, 3696.
rectifasciata, 2074.
rectilinea, 1858.
rectilinea, 2150.
rectilineata, 2732.
rectinervata, 2308.
rectistria, 2098.
rectivittalis, 2244.
rectomarginata, 624 B.
recurrens, 1767.
recursaria, 2507.
recurvalis, 3299.
recurvata, 2729.
recusata, 2137.
recusata, 3218.
recusataria, 2944.
reducens, 1897.
reducta, 3273.
reductalis, 3410.
redunca, 1978.
reflexa, 2009.
refusaria, 2844.
regalis, 2995.
regalis, 2024.
Rehimena, 3297.
relictata, 2917.
Rema, 1910.
Remigia, 2020.
Remodes, 2877.
remota, 2980.
remotaria, 2500.
remotata, 2897.
removens, 2047.
renalis, 1608.
renatalis, 3221.
renatusalis, 3221.
renidata, 3404.
reniferalis, 2183, 3343.
renunciata, 2921.
repanda, 1593.
repandens, 3701.
repandens, 1830.
reparata, 2571.
replenens, 1948.
repleta, 1773.
repleta, 1549, 1795, 363*.
repletaria, 2926.
replicans, 1512.
replicata, 2805.
repulsa, 1436.
repulsaria, 2559.
requina, 2686.
resistens, 2011, 2012.
responsalis, 3224.
responsanus, 3684.
responsaria, 2314.
responsaria, 2941, 2958.
restituta, 1643.
restituta, 2634.
restitutaria, 2697.
restitutata, 2634.
restorans, 1894.
restricta, 2200.
restrictalis, 3447.
reticulata, 2115, 2794, 3111.
retina, 1538.
retinalis, 3320.
retorta, 2066.
retractalis, 3310.
retractana, 3683.
retractaria, 2590, 2593.
retractaria, 2691.
retrahens, 1877.
reversa, 1719, 1956.
reversana, 3683.
revocans, 1811.
revulsa, 3172.
revulsaria, 2805.
Rhabana, 3184.
Rhæsena, 2272.
Rhagoba, 3516.
Rhapsa, 2264.
Rhesala, 2172.
Rhimphalea, 3329.
Rhinodia, 2502.
Rhinoprora, 2846.
rhinthonalis, 3298.
rhipheusalis, 3614.
Rhisina, 3186.
Rhodina, 2238.
Rhodometra, 2892.
Rhodoneura, 3115.
rhodophila, 1828.
rhodopteralis. 3190.
Rhodostrophia, 2955.
rhœcusalis, 3605.
rhœoalis, 3406.
rhombalis, 2248.
rhomboidalis, 2248.
rhomboidata, 3269.
Rhomborista, 3035.
Rhuma, 3029.
Rhynchina, 2237.
rigidistria, 1980.
rigusaria, 2399.
rinata, 2426.
riobearia, 2412.
Risoba, 1785.
Rivula, 1663.
rivularis, 1886, 2776.
rivularis, 1551.
robustalis, 2190.
robustaria, 3034.
Rœselia, 613 A.
rorata, 1691.
rosabella, 3643.
rosacea, 2069.
rosalia, 2736.
rosaliata, 2736.
roseilinea, 1582, 3144.
roseiplaga, 3180.
roseivena, 1427.
rosenbergi, 2657.
roseonivea, 1673.
rosita, 1674.
rostraria, 2502.
rostrata, 1870.
rotundalis, 3340.
rotundipennis, 1740.
rubella, 3219.
rubicilia, 1448.
rubicunda, 3003.
rubida, 1806, 1988.
rubiginata, 2408.
rubiginosa, 1534.
rubra, 3360.
rubra, 1696.
rubraria, 2926.
rubrescens, 1422.
rubrescens, 1419.
rubricans, 2042.
rubricosa, 2132.
rubridisca, 2846.
rubridisca, 2970.
rubrilinea, 1435.
rubripicta, 2077.

rubritincta, 3097.
rubrodotata, 2770.
rudis, 1748, 3179.
rudisana, 3687.
rufalis, 2230.
rufescens, 2161.
rufescens, 2274.
rufescentaria, 2424.
rufibasis, 2003.
ruficeps, 1705, 2155.
ruficosta, 3010.
ruficostalis, 3612.
rufifrontata, 2306.
rufigrisea, 2560.
rufilineata, 2322.
rufipennis, 2145.
rufivinctata, 2322.
rufofasciata, 3002.
rufoflava, 1827.
rufolimbaria, 3101.
ruginaria, 3001.
rumicis, 1531.
ruminalis, 3186.
Runeca, 2893.
rupicolor, 2497.
ruptaria, 2492 A.
ruptifascia, 1703.
ruptistriga, 1441.
ruralis, 3326.
Rusicada, 1807.
rutilalis, 3324, 3620.
rutilella, 3702.
rutilellum, 3702.
Ruttellerona, 2542.

sabacusalis, 3496.
sabelialis, 3562.
sabinusalis, 3450.
sabrina, 3242.
sabulifera, 1808.
Sacada, 3214.
sacadasalis, 3237.
Sacatia, 3201.
sacraria, 2892.
saga, 1749.
sagana, 2989.
sagarisalis, 3167.
Sagora, 3701.
salamandra, 2678.
salaminia, 2091.
salebrosa, 1875.
salernaria, 2694.
saliaris, 1496.
Salma, 3167.
salomealis, 3456.
salvalis, 3314.
samala, 1855.
samala, 1855*.
Sameodes, 3537.
Sandava, 2158.
sanguilineata, 3093.
sanguinaria, 2925.
sanguinaria, 2892.
sanguinicornis, 3667.
sanguinolenta, 1425.
Saphtha, 3675.
saponaria, 2747.
Saraca, 2136.
sarawackaria, 2366.
Sarbena, 3665.
Sarbena, 620 C.
Sarcinodes, 2697.
Saridoscelis, 3692.
sarmentosa, 2028.
Saroba, 2159.
Saroscelis, 3374.
Sarothripidæ, 1726.
Sarthida, 2170.
Sasunaga, 1518.
Satara, 769 A.
satelliata, 2751.
satellita, 2127.
Sathria, 3446.
saturata, 1751, 2806, 3642.
saturataria, 3007.
saturataria, 2373.
saturatior, 2076.
saturnalis, 3323.
saturnioides, 1894.
Sauris, 2877.
Savara, 1815.
scallula, 3121.
scanda, 1631.
scapulalis, 3303.
scapularis, 2002.
Scardamia, 2353.
Scardia, 3697.
Sceliodes, 3617.
schaldusalis, 2184.
schediusalis, 3385.
schidacina, 2281.
schistacearia, 2716.
schistacearia, 2457.
schistifusata, 2380.
schlegelii, 2046.
Schœnobiidæ, 3153.
schraderi, 2001.
scinisalis, 3447.
Scintilla, 3660.
Sciorista, 3600.
sciron, 1172*.
Scirpophaga, 3155.
scissa, 2668.
scissalis, 3308.
scissata, 2285.
scissuralis, 1816.
scitalis, 3225.
scitalis, 3417.
scitaria, 3111.
sciticaudaria, 2319.
sciticincta, 2335.
scitiferata, 2775.
scitilineata, 2455.
scitipennis, 1812.
scitissimaria, 3067.
scitula, 2176.
scitulana, 3683.
scitulella, 3709.
scolopacina, 1485.
scolopaica, 2531.
scoparioides, 1741.
scopigeralis, 2205.
scopulalis, 3540.
scortea, 2784.
scortum, 1840.
Scotomera, 3217.
Scotopteryx, 2533.
Scotosia, 2769.
scotosialis, 2264.
scotti, 3708.
scripta, 1822.
scriptaria, 2535.
scriptata, 2940.
scriptifasciata, 2473.
scriptilis, 1912.
scriptiplena, 1556.
scripturaria, 2600.
scrobiculata, 2059.
scutigera, 1420.
scutiligera, 3035.
scyllea, 2988.
Sebunta, 3600.
seclusella, 3700.
secretana, 3683.
secundana, 3683.
securifera, 1662.
secutalis, 3338.
secutaria, 2284.
segetis, 1436.
sejuncta, 2054.
sejunctalis, 2054.
selenampha, 1542.
selenaria, 2554.
selenophora, 1881.
Selepa, 1733.
sellalis, 3449.
semialba, 1793, 2560.
semialba, 3090.
semialbata, 2849.
semialbida, 2866.
semibrunnea, 2286.
semiclarata, 2566.
semiclusalis, 2261.
semiclusaria, 2528.
semicompleta, 2960.
semidolosa, 1727.
semifascialis, 3389.
semifascialis, 3395.
semifervens, 1833.
semifissata, 2814.
semifœdalis, 3139.

semifulva, 2286.
semihyalina, 3081.
semihyalina, 2475.
semilinea, 2083.
semilinea, 3634.
semilisata, 2812.
semilux, 1689.
Semioceros, 3408 A.
semiochrealis, 1661.
Semiophora, 1486.
Semiothisa, 2493.
semiotis, 3682.
semipallida, 1866.
semiparata, 2549.
semipardata, 2265.
semipars, 1764.
semirosea, 2691.
semisignata, 2812.
semitata, 2601.
semitessellalis, 3117.
semitessellata, 3117.
semitritalis, 3355.
semivialis, 3352.
semivitta, 2116.
semizebralis, 3463.
Semniomima, 3618.
Seneratia, 2133.
senex, 1760, 2540.
senica, 1946.
senna, 1662.
separans, 1984.
separata, 1608, 2593.
separata, 1577.
sepultrix, 1506.
sera, 1469.
Seria, 1559.
sericea, 2881.
sericea, 1476.
sericearia, 2359.
Sericia, 1876.
Sericophara, 3115.
Serioplaga, 3592.
serpentinaria, 2383.
Serraca, 2555.
Serrodes, 1996.
serva, 1954.
serva, 1493.
Sestra, 2443.
seticornis, 1824.
Setida, 1914.
severata, 2775.
Sewa, 1147 E.
sexfasciata, 3521.
sexplagiata, 2659.
sexpunctalis, 3246, 3367.
sexpunctata, 3246.
Sezeris, 3708.
shanghaisaria, 2491.
shiva, 2070.
siamica, 1959.
siccifolia, 2398, 3108.
Siculodes, 3115.
siculoides, 2426, 3107.
sidealis, 3537.
siderea, 1708.
Sidyma, 3630.
signata, 1719, 2111.
signata, 2053, 2819, 2861.
signicosta, 2181.
signifera, 1609.
signifera, 1631, 1790, 2170, 2861.
significans, 2110.
signigera, 2861.
signigerana, 3687.
signipalpis, 2044.
signivitta, 1862.
sigulalis, 3531.
sikkima, 1444.
Silabraxas, 2624.
silaceata, 2788.
Silacida, 1778.
silenusalis, 2195.
silhetalis, 3600.
silvialis, 2222.
Simæthis, 3677.
similalis, 3553.
similaria, 2421, 2931.
similata, 1901, 2245.
similis, 2191.
similis, 2608, 3010.
similisata, 2812.
simillima, 1582.
simillima, 1972.
simplex, 1957.
simplex, 2009, 2563.
Simplicia, 2184.
simpliciaria, 2337.
simplicior, 2330.
simulans, 2776.
simulata, 2190.
Sinameda, 2604.
sinens, 1535.
sinicaria, 2485.
sinistraria, 2520.
sinonalis, 3464.
sinuata, 1784, 1970, 3085.
sinuata, 3493.
sinuosa, 2545, 1147 F.
Sippharara, 3701.
sipyla, 1949.
Sirinopteryx, 2322.
Siriocauta, 3552.
sirioxantha, 3539.
sisunaga, 3034.
Sisyrophora, 3470.
sitellata, 2858.
skelloni, 1509.
smaragdipicta, 2087.
smerintharia, 2694.
Smyriodes, 2504.
Snellenia, 3623.
sobria, 1591, 2660.
sobria, 1923.
sobriana, 3683.
socialis, 3327.
sodaliata, 2817.
sodalis, 2991, 3257.
solaris, 1623.
solidaria, 3072.
soliera, 1720.
solita, 1931.
solitalis, 3225.
solivagaria, 2507.
solstitiella, 3711.
soluta, 1533.
solutata, 2803.
Somatina, 2968.
Sonagara, 3111.
sondaicata, 2314.
sondaicus, 2146.
Sophaga, 1425.
sora, 2055.
sordida, 1663, 3248.
sordida, 2545, 3577.
sordidata, 2773.
sordidula, 2014.
Sorocostia, 613 A.
Spælotis, 1447.
Spanista, 3322.
spargens, 1493.
Spargeta, 3373.
sparsa, 1878, 1705.
sparsa, 1918.
sparsaria, 2313.
sparsularia, 2706.
spatiosaria, 2903.
spectabilis, 1844.
spectabilis, 2476, 2976.
spectandalis, 3510.
spectans, 1880.
Spectrophysa, 2156.
Spectrotrota, 3163.
speculalis, 2244.
specularia, 2388, 3060.
specularis, 1147 A.
Speiredonia, 1876.
Speiredoniinæ, 1874.
Spersara, 1768.
sphagnata, 3023.
sphenias, 3692.
Sphingomorpha, 1949.
spicea, 1636.
spiculifera, 1438.
Spilodes, 3575.
spilomelalis, 3225.
Spilopera, 2392.
spilophanes, 1497.
spilosomoides, 3559.
spilotelaria, 2339.
spina, 1455.
spinula, 1442.

spiralis, 2066.
Spirama, 2066.
spissa, 1919.
splendens, 2356.
splendida, 2675.
splendidalis, 3333.
Spodoptera, 1539.
Spoladea, 3298.
spoliata, 1542, 2115.
spotha, 1555.
spreta, 2725.
spumigera, 1505.
spurcata, 1510.
spurcata, 1736.
spurcataria, 2423.
squalida, 1539.
squalidaria, 2380.
squamata, 3015.
squamea, 2259.
squamicornis, 2041.
squamiplena, 1848.
squammigera, 1788.
squamopedalis, 3477.
squamulata, 2858.
Stadna, 2270.
stagnalis, 3231.
staintoni, 3539.
Staintonia, 3658.
Stalagmia, 2639.
Stamnodes, 2891.
Stantira, 3592.
Stathmopoda, 3657.
Stegania, 2357.
Steira, 1789.
stellaris, 3706.
stellata, 1494, 1570.
stenialis, 3227.
stenophilalis, 3548.
Stenopteryx, 3563.
stenosoma, 3223.
Stenurges, 3469.
stereogona, 3327.
Stericta, 3174.
sternaria, 2367.
Sterrha, 2918.
Sterrhidæ, 2893.
Stesichora, 2304.
stibialis, 3301.
Stictoptera, 1789.
Stictopteridæ, 1783.
stigmaleuca, 2128.
stigmata, 1597, 1995.
stigmatalis, 2206.
stigmatica, 2535, 2955.
stilbiata, 2713.
stipata, 1554, 2179.
stola, 2030.
stolida, 2037.
stolida, 2294.
stolalis, 3494.
stramen, 1647.
straminalis, 3359.
straminea, 1420, 2393, 2468.
strangulalis, 3342.
strangulata, 2804.
stratonice, 2637.
streniataria, 2486.
strenualis, 3599.
strenuata, 2494.
strenuataria, 2494.
Strepsinoma, 3266.
striata, 3176.
striata, 3369.
striataria, 2307.
striatura, 1664.
strigaria, 2509.
strigata, 2086.
strigatula, 3115.
strigifera, 1737.
Striglina, 3111.
strigosa, 2246.
strigulataria, 2406.
striolata, 2326.
strixaria, 2604.
strixata, 2595.
Strophidia, 2302.
stultalis, 3568.
stuposa, 1961.
stygia, 1606.
suasaria, 2581.
suavis, 2585.
subalbescens, 3573.
subalbida, 3097.
subapicalis, 1767.
subapicaria, 2826.
subaurata, 3029, 3662.
sub-basalis, 2212.
subcaudata, 2344.
subcelata, 2706.
subcervina, 1701.
subcervinalis, 3222.
subcrocealis, 3605.
subcurva, 1490.
subdentata, 2293.
subdolaria, 2936.
subdolens, 1449.
subemersa, 2419.
subexpressa, 2470, 3051.
subfasciata, 1787, 2397.
subfenestrata, 3136.
subfixa, 1609.
subfumosa, 2653.
subignita, 3056.
subjectalis, 3543.
subjectalis, 3580.
subjunctalis, 3389.
sublavaria, 2572.
sublectaria, 2559.
sublimbaria, 2375.
sublimbata, 2494, 3005.
sublimis, 1907, 2580.
sublineata, 1714.
subluturalis, 3452.
submarginalis, 1539, 3488, 363*.
submarginata, 1859.
submemorans, 2056.
submissaria, 3068.
submonstrans, 3097.
submonstrata, 2465.
subnitens, 1579.
subnotalis, 2245.
subobliqua, 1790.
subobliquaria, 2881.
subocellata, 1773.
subochraria, 2804.
subolivacea, 1854.
subpilosa, 2589.
subplagiata, 2590.
subproximans, 2278.
subpunctaria, 2325.
subpunctata, 1668.
subpurpurea, 2689.
subrasata, 2464.
subrepleta, 2991.
subroseata, 2365.
subroseata, 2936.
subrugata, 2547.
subsatura, 1869.
subsignans, 2167.
subsignata, 1855*.
subspersata, 2427.
subspurcata, 1432.
substituta, 2788.
substruens, 1878.
subtepens, 3024.
subterminalis, 1538.
subtessellalis, 3321.
subtessellata, 2357.
subtilis, 1829, 1828*.
subtracta, 1542.
subtristigera, 2868.
subtrita, 2865.
subunita, 2047.
subusta, 2971.
subvelaria, 2709.
successaria, 2405.
succinea, 1421.
succinea, 1421*.
Sufetula, 3287.
sufflata, 2484.
suffumosa, 2066.
suffundens, 1776.
suffusa, 1442, 1522, 2560, 2563.
suffusa, 3671.
suffusalis, 3187.
suffusalis, 3211.
suggeralis, 3202.
sulalis, 2245.
sulcialis, 3267.
sulcialis, 3434.

superior, 3111.
sulphurea, 2420.
sulphurescens, 2371.
sulpitiata, 2536.
sumatraria, 2697.
sumatrensis, 2205.
sunandeva, 2885.
sundana, 1830.
sunidesalis, 3287.
superans, 2507.
superba, 1713.
superior, 3111.
supplex, 1545.
suppressaria, 2509.
suppressaria, 2539.
suradeva, 3194.
Surattha, 3151.
surnia, 1465.
surrigens, 2167.
surusalis, 3389.
susana, 2700.
susceptaria, 2413, 2542.
susialis, 2229.
suspensalis, 3175.
suspicalis, 3328.
suspicaria, 2931.
Swinhoea, 1652.
swinhoei, 1625, 2415.
syagrusalis, 3238.
Syblis, 3660.
Sybrida, 3214.
Sydiva, 1514.
Sylepta, 3446.
Syleptinæ, 3431.
Syllythria, 3600.
Sylora, 3361.
sylpharis, 3509.
sylvata, 2625.
sylvestraria, 2910.
symphonialis, 3186.
Sympis, 2003.
Synchromia, 3600.
Synclera, 3320.
Synclita, 3224.
Synegia, 2359.
Synegiodes, 2949.
Syngamia, 3337.
synomotis, 3347.
Syntaracta, 2359.
Syntomodora, 3264.
Sypna, 1851, 1855*.
Syrbatis, 3248.
syrichtusalis, 3166.

Tabidia, 3300.
Tæniocampa, 1486.
talaca, 2399.
Talanga, 3246.
Talapa, 2226.
Talariga, 1926.
Talis, 3150.
talliusalis, 3582.
Tamba, 2136.
Tambana, 1837.
tamliusalis, 3418.
tampialis, 3418.
Tamusida, 1733.
tana, 1698.
Tanaoctenia, 2341.
Tanaorhinus, 3056.
Tanaotrichia, 2953.
Tangla, 3476.
Tanyodes, 3111.
taphiusalis, 3129.
taprobana, 1947.
taprobanæ, 1493.
taprobanensis, 3152..
taprobanes, 2353.
taprobanes, 3677.
tapsusalis, 3558.
Tarache, 1621.
Taramina, 2041.
Targalla, 1773.
Tasta, 2336.
Tathorhynchus, 1576.
Tatobotys, 3249.
tatorhina, 2240.
Tauba, 3218.
Taxeotis, 2708.
Tegna, 3676.
telamonalis, 2248.
Teliphasa, 3168.
tellesalis, 3278.
telphusalis, 3343.
temeratalis, 3459.
temperata, 1421*.
tendinosaria, 2508.
tenebralis, 2250.
tenebrifera, 1581.
tenebrionis, 1753.
tenebrosa, 1455.
tenebrosa, 1518.
tenebrosaria, 2534.
tenellalis, 3225.
tenera, 2639.
tennenti, 2213.
tentans, 2096.
tentans, 2977.
tephrinaria, 2588.
Tephrinopsis, 2498.
Tephroclystia, 2861.
tephrosaria, 2463.
tephrosiaria, 2607.
Teras, 3681.
Terastia, 3543.
Teratodes, 3690.
terealis, 3344.
teriadalis, 3583.
teriadata, 2309.
terminigera, 1928.
tespisalis, 2199.
tessellata, 2004.
tessellatula, 3117.
testacearia, 2524.
testaceicollis, 1453.
testaceoides, 1538.
testaceus, 1826.
testudinalis, 3463.
testulalis, 3552.
Tetracona, 3305.
tetragona, 2116.
tetragonata, 2525, 3124.
tetraonalis, 3132, 3134.
tetraspila, 1927, 2026.
tetraspila, 2398.
tetraspilaria, 2390.
Tetridia, 3555.
teutalis, 3259.
textalis, 3437.
textilis, 2745.
Thalaina, 2349.
thalassica, 2947.
Thalassodes, 3080.
Thalatha, 1531.
Thalera, 3101.
Thalerura, 3094.
thalpophiloides, 1515.
tharsalea, 3396.
theclaria, 2411.
theclata, 2292.
theialis, 3616.
Theila, 3244.
Themiscyra, 3663.
theorina, 3136.
Therapne, 3201.
thermesioides, 3111.
thermochromata, 2445.
thermosaria, 2939.
thetydaria, 3087.
thiasalis, 3435.
Thinopteryx, 2326.
Thiopsyche, 2386.
thoasalis, 3265.
thoracica, 1568, 1581.
thoracicaria, 2522.
thricophora, 1938.
Throana, 2157.
Thudaca, 3693.
thwaitesi, 2227.
thwaitesii, 3707.
thyadalis, 3435.
Thyas, 1981.
thyasalis, 3435.
thyralis, 3122, 3518.
thyridalis, 3182.
Thyrididæ, 3104.
thyrisalis, 3182.
Thysanodesma, 3415.
thysbealis, 3151.
tibialis, 1596, 2842.
tibialis, 3478.
tigrata, 2644.

Tigridoptera, 2647.
tigrina, 1953.
tigrina, 3400.
Timandra, 2957.
timesia, 1794.
Tinægeridæ, 3623.
tincta, 1998.
tinctaria, 2369.
tinctipennis, 1507.
Tineidæ, 3691.
Tineina, 3623.
Tinoliinæ, 2123.
Tinolius, 2123.
Tinosoma, 1833.
Tipha, 3629.
tiphalis, 3338.
tipuliformis, 3248.
Tirathaba, 3139.
Tiridata, 1807.
tirrhæa, 1984.
tisiasalis, 3426.
Tisobarica, 3646.
titania, 2304.
titysusalis, 2187, 2187*.
Toana, 1661.
topazias, 3713.
toresalis, 2214.
toriata, 2857.
Torna, 3703.
torpida, 1820.
torridaria, 2590.
torsa, 2041.
torta, 2041.
tortum, 2041.
tortricaria, 1147 F.
Tortricidæ, 3678.
Tortricinæ, 3681.
Tortricomorpha, 3631.
Tortricopsis, 3643.
tortuosa, 2261.
tortuosalis, 2052.
Tosaura, 2753.
Toxocampa, 1536.
Toxoloma, 613 A.
Toxophleps, 1620.
traducalis, 3320.
trajecta, 2047.
trajiciens, 1798.
tramesata, 2614.
tranquillalis, 3586.
transcissa, 2272.
transducta, 1539, 2042.
transducta, 3000.
transectata, 2616.
translata, 2020.
translineata, 2492.
translucida, 2473.
transmutata, 2347.
transversa, 1646, 1650, 1766.
transversa, 2999.
transversalis, 2225, 3138, 3618.
transvisalis, 3487.
trapezalis, 3328.
trapezium, 1991.
trebiusalis, 3327.
Triæna, 1531.
triangularis, 1460.
triangularis, 2345.
triangulata, 1910.
triangulata, 1964.
triangulifera, 2792.
triarialis, 3564.
Tribunta, 613 A.
Trichauctenia, 3209.
Trichodezia, 2830.
Trichopleura, 2831.
Trichoplites, 2828.
Trichopterigia, 2875.
tricinctaria, 2672.
tricolor, 2060, 2702, 3105.
tricoloralis, 3302, 3473.
Tricomia, 3186.
trifasciata, 1678.
triferalis, 3389.
Trifidæ, 1414.
trigalis, 3398.
trigonalis, 2236.
trigonata, 2355.
Trigonia, 2056.
Trigonodes, 2022.
trilinealis, 3263.
trilinearia, 2312.
trilineata, 1553, 1666, 2358.
trilineata, 2701, 2954.
triloba, 2069.
trimaculata, 2317.
trimantesalis, 2137.
Triorisma, 2948.
triparalis, 3431.
Triphæna, 1447.
triphænina, 1872.
triphænoides, 1471, 1992.
triphænoides, 3702.
Triphænopsis, 1490.
Triphosa, 2770.
triplaga, 3521.
triplicalis, 2234.
tripunctalis, 3244.
Trirachapoda, 2936.
triradiata, 1623.
trisignata, 2832.
trispinaria, 2577.
tristriata, 2315.
Tristrophis, 2324.
Trisula, 1838.
Tritæa, 3575.
trithyralis, 3537.
tritonaria, 3047.
triturata, 1539.
Trochistis, 2406.
Troctoptera, 1684.
Trogacontia, 1705.
trogalis, 3329.
troglodytellus, 3146.
trogusalis, 3329.
tropica, 1630.
truncapex, 2886.
truncata, 1566, 1823.
truncata, 1890, 2672, 2825.
truncatalis, 2230.
truncatalis, 3253.
truncataria, 3027.
tryxaria, 2703.
tula, 562 A.
tullalis, 3538.
tumidalis, 3505.
turbata, 2972.
turbata, 3224.
turbida, 1509, 1776.
turbidalis, 3577.
turbulenta, 1439.
turca, 1590.
turgidata, 2872.
turiusalis, 3593.
turpatalis, 2190.
turpis, 1547.
turpis, 2469.
turpisaria, 2463.
Tympanistes, 1825.
Tyndis, 3220.
Tyracona, 1531.
tyrannus, 2088.
tyres, 3518.
tyresalis, 3518.
Tyspana, 3521.
Tyspanodes, 3369.

uberosa, 1659.
Udea, 3591.
Ugia, 2170.
uliginosalis, 2212.
Uliocnemis, 3045.
Uliocome, 3362.
Ulotrichodes, 3218.
ulula, 1889.
umbricola, 1912.
umbrina, 1930, 2049.
umbrosa, 1859, 1923, 1969.
umbrosa, 2404.
umminia, 2047.
uncinalis, 3343.
uncinata, 2805.
uncinella, 3643.
Uncula, 1614.
undalis, 3536.
undicilia, 1477.
undifera, 3053.
undiferaria, 2502.

undiferata, 3036.
undulalis, 2237.
undularia, 3100.
undulata, 2845.
undulataria, 2897.
undulifera, 2776.
unduliferaria, 2883.
undulosata, 2880.
uniformis, 1864, 2009.
unilinealis, 3237.
unilineata, 2734.
unilineata, 2472.
unionalis, 3486.
uniplaga, 3037.
unipuncta, 1577.
unipuncta, 2304.
unipunctana, 3640.
unistirpis, 2884.
unistrigata, 2073.
unitalis, 3382.
univocalis, 3320.
unxia, 1749.
Uraba, 613 A.
urapteraria, 3025.
urapteraria, 3095.
urapterina, 2297.
Urapteroides, 2296.
urbana, 2817.
Urbona, 1714.
Urolophia, 2780.
Urospila, 3096.
ursaria, 2707.
usitata, 2585, 3345, 3489.
usta, 1848, 2430.
ustalis, 3414, 3577.
ustata, 2971.
usticinctaria, 2911.
ustipennis, 620 C.
ustula, 1693.
ustulata, 2082.
uvaria, 2767.
uvidula, 3061.

vacillans, 1688.
vacillata, 2907.
vacuaria, 2803.
vacuata, 2895.
vaga, 2143, 3103.
vagalis, 2225.
vagalis, 3525.
vagata, 2310, 2895, 3079.
vagipennata, 1686.
vagivitta, 1527.
validalis, 3169.
validaria, 2947.
validula, 1931.
vampyraria, 2399.
vanaria, 2912.
Vapara, 1901.
varanesalis, 3250.
variabilis, 1791, 2447.
variabilis, 1789, 1794, 2398.
varialis, 2053.
varianaria, 2511.
varians, 1706, 2744.
variegata, 1838, 1885, 2786.
variegata, 1845, 2848, 3176.
variolosa, 1813.
varipes, 1828.
varisaria, 2278.
Varnia, 3106.
vashti, 2769.
vastata, 2767.
vasudeva, 2485.
vegeta, 1652.
Veia, 1932.
velata, 2018.
velatalis, 3285.
velitaria, 2981.
vellerialis, 3519.
velutinata, 2517.
veneris, 2324.
venilialis, 3326.
venimaculata, 2770.
veninotata, 3094.
venochromoides, 2048.
venosalis, 3579.
venosella, 3218.
ventralis, 1557.
ventraria, 2419.
venustula, 1539.
venustularia, 2564.
veprecola, 1638.
veraria, 3082.
verbia, 2018.
verecunda, 1454, 3454.
verhuellii, 2080.
vernacularia, 2840.
veronica, 2248.
versata, 2889.
versicolor, 1677.
verticaria, 2292.
verticillata, 2105.
vertumnalis, 3478.
vertumnaria, 3069.
Vescisa, 2172.
vesicularia, 2387.
vespertilio, 2070.
vespertilionalis, 3537.
vestalis, 3564.
vestigiata, 2673.
vestita, 2597.
vetusalis, 3203.
vetusta, 1908.
vetustalis, 2013.
vexata, 1508.
vexataria, 2269.
vexilla, 1832.
vexillaria, 2411.
vialis, 1611.
viaria, 1441.
vicina, 2570.
vicissata, 2816.
victorinata, 2477.
vigens, 1601, 3009.
vigens, 2337.
vilis, 1935.
villiana, 1712.
villidalis, 3237.
villosata, 2857.
vinacealis, 3555.
vinacearia, 2955.
vinaria, 2695.
vinctale, 1576.
vinctalis, 1576.
Vindusara, 2618.
vinosa, 3124.
Vinzela, 3631.
violacearia, 2380.
violalis, 3505.
violalis, 3271.
violata, 3335.
virescens, 2848.
virgatalis, 3290.
virginea, 1672.
virgo, 2122.
virida, 1817.
viridaria, 3026.
viridata, 3033.
viridatrix, 3108.
viridifascia, 2376.
viridiluteata, 3056.
viridimacularia, 2373.
viridis, 2433, 2784.
viridisquama, 1762.
Visiana, 2773.
vitea, 1747.
vitellinalis, 3609.
Vitessa, 3194.
vitessoides, 3522.
Vithora, 2636.
vitosa, 1511.
vitreata, 2533.
vitrigera, 2388.
vittalis, 1738.
vittatus, 3059.
vitticosta, 3028.
vitticostata, 2364.
vittigera, 1788.
vittuligera, 2394.
vivida, 1724.
vivida, 2485.
vivilaca, 2340.
vivipara, 3695.
votalis, 3230.
vulgalis, 3410.
vulgaris, 1909.
vulgaris, 2722, 2965.
vulnerata, 3680.
vulperaria, 2742.

vulpina, 1811, 1954.
Vunga, 2504.

wahlbergi, 3620.
waigaoalis, 3243.
walkeri, 1882.
walkeri, 2893.
wallacei, 1198 B.
Westermannia, 1713.
westermannii, 1713.
whitelyi, 2834.
Wingia, 3643.

Xandrames, 2532.
Xanthabraxas, 2646.
xanthalis, 3368.
xanthialis, 3585.
xanthindyma, 1813.
xanthochroa, 1811.
xanthocloralis, 3185.
Xanthodes, 1647.
xanthogastrella, 3156.
xanthonora, 2480.
xanthophila, 621 *.
Xanthoptera, 1636.
Xanthorhoë, 2812.
xanthorrhœa, 1844.
xanthosoma, 2618.
Xenagia, 2364.
Xeropteryx, 2329.
Xestula, 3214.
xipharesalis, 3376.
xiphialis, 3296.
xista, 1803.
xuthalis, 3388.
xuthusalis, 3388.
xylinaria, 2846.
xylistis, 2158.
Xyloscia, 2427.
Xysmatodoma, 3705.

yendola, 1930.
yerburii, 1550, 2318.
ypsiloides, 3107.
ypsilon, 1442.
ypsilonaria, 2814.
yucca, 1804.

Zagira, 1686.
zalissaria, 2426.
zalmira, 3197.
zalska, 2762.
Zamarada, 2473.
zamia, 3220.
zamis, 1877.
Zanclognatha, 2216.
zanclopterata, 2752.
zangisalis, 3476.
Zarmigethusa, 2753.
zebinalis, 3281.
zebralis, 3403.
zebrina, 2494.
Zebrodes, 3387.
Zeheba, 2476.
zelimalis, 3499.
zelleri, 3436, 3504.
zemire, 3197.
zeta, 1923.
Zethenia, 2424.
Zethes, 2136.
Zeugma, 2944.
ziczac, 2446.
Zigera, 2163.
zincaria, 2750.
Zinckenia, 3298.
zinga, 2124.
Ziridava, 2846.
Zitna, 1694.
Zitua, 3637.
Zomia, 2380.
zonea, 2685.
Zonopetala, 3644.
zonula, 3121.
zonulalis, 3250.
Zurobata, 1686.
Zusidava, 1147 F.
zygænalis, 3515.

THE END.

PLATE I.

		PAGE
1.	Caradrina defixa, *Walk.*	40
2.	Celæna florescens, *Walk.*	31
3.	Euplexia leucospila, *Walk.*	21
4.	Diphtera jucunda, *Walk.*	50
5.	Euplexia niveiplaga, *Walk.*	20
6.	„ spilophanes, *Swinh.*	21
7.	Dyrzela poaphiloides, *Walk.*	42
8.	Xanthoptera lignigera, *Walk.*	57
9.	Maliattha marginalis, *Walk.*	51
10.	Agabra trilineata, *Walk.*	37
11.	Eublemma roseonivea, *Walk.*	64
12.	Desana peninsulata, *Walk.*	26
13.	Cosmia notabilis, *Walk.*	58
14.	Tarache admetalis, *Walk.*	54
15.	Agabra stipata, *Walk.*	37
16.	„ spotha, *Swinh.*	37
17.	Trogacontia ruficeps, *Walk.*	70
18.	Xanthoptera mansueta, *Walk.*	57
19.	Cerynea diversalis, *Walk.*	68
20.	Rivula subpunctata, *Walk.*	63
21.	Eulepa niveigutta, *Walk.*	52
22.	Nebrissa bimacula, *Walk.*	41
23.	Eublemma intractata, *Walk.*	65
24.	Flammona quadrifasciata, *Walk.*	66
25.	Pœta denotalis, *Walk.*	84
26.	Corgatha implexata, *Walk.*	69

PLATE I.

West, Newman imp

PLATE II.

		PAGE
1.	Labanda ceylusalis, *Walk.*	82
2.	Hyblæa erycinoides, *Walk.*	81
3.	„ catocaloides, *Walk.* ♂	81
4.	„ „ „ ♀	81
5.	„ saturata, *Walk.*	80
6.	Targalla obliquata, *Walk.*	86
7.	Pterogonia aurigutta, *Walk.*	74
8.	Maxilua frontalis, *Walk.*	73
9.	Corgatha tana, *Swinh.*	69
10.	Blenina calena, *Swinh.*	81
11.	Ariola continua, *Walk.*	76
12.	Bantana albida, *Walk.*	82
13.	Corgatha albicinctalis, *Walk.*	70
14.	Plotheia discigera, *Walk.*	76
15.	Asinduma exscripta, *Walk.*	78
16.	Anigræa rubida, *Walk.*	93
17.	Homoptera duplicilinea, *Walk.*	128
18.	Corgatha æqua, *Walk.*	70
19.	Urbona sublineata, *Walk.*	73
20.	Ariola deflexa, *Walk.*	76
21.	Clettharra herbida, *Walk.*	78
22.	Garella scoparioides, *Walk.*	78
23.	„ rotundipennis, *Walk.*	78
24.	Eleale plusioides, *Walk.*	85
25.	Veia homopteroides, *Walk.*	128
26.	Ædia angulifera, *Walk.*	130

PLATE II.

E C Knight, ad nat chrom.

West, Newman imp

PLATE III.

PAGE

1. Moma gracilis, *Swinh.* 101
2. Chaladra cucullioides, *Walk.* 98
3. Sypna achæoides, *Walk.* 106
4. Ortopla iarbasalis, *Walk.* 122
5. { Sypna subsignata, *Walk.* / Sypna samala, *Swinh.* } 106, 592
6. Bœthantha (Avitta) guttulosa, *Walk.* . . . 194, 593
7. Ugia disjungens, *Walk.* 194
8. Entomogramma bendoides, *Walk.* 159
9. Stictoptera chalybæa, *Walk.* 91
10. Batracharta cossoides, *Walk.* 104
11. Capotena scripta, *Walk.* 99
12. Felinia nigripalpis, *Walk.* 124
13. Plecoptera nebulilinea, *Walk.* 150
14. Diomea absorbens, *Walk.* 193
15. Elyra phlegeusalis, *Walk.* 200
16. Naharra contracta, *Walk.* 122
17. Bessara quadratipennis, *Walk.* 98
18. Lineopalpa scitipennis, *Walk.* 96
19. Entomogramma decernens, *Walk.* 159
20. Zethes hylaxalis, *Walk.* 188
21. Didigua seticornis, *Walk.* 99
22. Diomea orbifera, *Walk.* 193
23. Bertula eudoxusalis, *Walk.* 201

PLATE III.

F. C. Knight, ad. nat. chrome

West, Newman

PLATE IV.

		PAGE
1.	Zethes athemonalis, *Walk.*	188
2.	„ metagona, *Walk.*	188
3.	Sypna subolivacea, *Walk.*	106
4.	Talariga capacior, *Walk.*	125
5.	Egnasia minereusalis, *Walk.*	190
6.	Bertula alpheusalis, *Walk.*	201
7.	Murgisa orgyoides, *Walk.*	200
8.	Zethes lala, *Swinh.*	189
9.	Rhesala inconcinnalis, *Walk.*	196
10.	Zethes aviusalis, *Walk.*	188
11.	Bertula larusalis, *Walk.*	201
12.	Elyra tespisalis, *Walk.*	200
13.	Bocana histaspesalis, *Walk.*	199
14.	Lysimelia phineusalis, *Walk.*	205
15.	„ nothusalis, *Walk.*	206
16.	Bomolocha jugalis, *Walk.*	213
17.	Ædia agropoides, *Walk.*	130
18.	Zethes parsimonalis, *Walk.*	188
19.	Adrapsa (Simplicia) titysusalis, *Walk.*	198, 593
20.	Throana amyntoralis, *Walk.*	192
21.	Egnasia celenoalis, *Walk.*	190
22.	Rhesala signicosta, *Walk.*	197
23.	Lysimelia silvialis, *Walk.*	206
24.	Stadna nigriplaga, *Swinh.*	217
25.	Gastrina denticulata, *Swinh.*	278
26.	Acantholipes sordidula, *Walk.*	151

PLATE IV.

25

West, Newman imp

Hanhart, ad nat. chrome

PLATE V.

		PAGE
1.	Decetia dichromata, *Walk.*	218
2.	Ophthalmodes pupillata, *Walk.*	285
3.	Cusiala decursaria, *Walk.*	277
4.	Pseudangerona incursaria, *Walk.*	298
5.	Cusiala bistonaria, *Walk.*	277
6.	Pseudoterpna saturataria, *Walk.*	384
7.	,, albifusaria, *Walk.*	385
8.	Epiplema nivosaria, *Walk.*	221
9.	Dirades subdentata, *Walk.*	222
10.	Nadagara scitilineata, *Walk.*	262
11.	Ectropidia exprimata, *Walk.*	288
12.	Ectropis subrugata, *Walk.*	287
13.	Pomasia amplificata, *Walk.*	349
14.	Gymnoscelis derogata, *Walk.*	350
15.	Carbia calescens, *Walk.*	353
16.	Tephroclystia semialbida, *Walk.*	354
17.	,, perceptata, *Walk.*	354
18.	Erschoffia candidaria, *Walk.*	221
19.	,, biplagiata, *Walk.*	221
20.	Ingena sciticincta, *Walk.*	233
21.	Ectropis decursaria, *Walk.*	287
22.	Pisoraca thermosaria, *Walk.*	369
23.	Cambogia versata, *Walk.*	358
24.	Craspedia usticinctaria, *Walk.*	363
25.	Tephroclystia moderata, *Walk.*	353
26.	,, obliterata, *Walk.*	354
27.	,, metaspilata, *Walk.*	354

PLATE V.

PLATE VI.

		PAGE
1.	Rhomborista undiferata, *Walk.*	389
2.	Ornithospila cincta, *Walk.*	404
3.	Pseudoterpna horridata, *Walk.*	385
4.	Tanaorhinus argentifusa, *Walk.*	394
5.	Lophochlora cristifera, *Walk.*	402
6.	Gelasma discipennata, *Walk.*	402
7.	Nemoria albicinctaria, *Walk.*	398
8.	Berta vaga, *Walk.*	405
9.	Comostola dyakaria, *Walk.*	396
10.	Lophocrita undifera, *Walk.*	393
11.	Arxama subcervinalis, *Walk.*	437
12.	Rhodoneura albiferalis, *Walk.*	412
13.	Cirrhochrista disparalis, *Walk.*	420
14.	Rhodoneura phasianalis, *Swinh.*	411
15.	Sacada decora, *Walk.*	435
16.	Tyspanodes exathesalis, *Walk.*	474
17.	Caprinia conglobatalis, *Walk.*	473
18.	Cirrhochrista figuratalis, *Walk.*	420
19.	Ambia iriusalis, *Walk.*	441
20.	Pisoraca scriptata, *Walk.*	369
21.	Edita icarusalis, *Walk.*	425
22.	Vitessa hieratica, *Swinh.*	430
23.	Salma sagarisalis, *Walk.*	422
24.	Herculia productalis, *Walk.*	434
25.	Canipsa suspensalis, *Walk.*	424
26.	Lotanga anigrusalis, *Walk.*	469
27.	Erilita metaleucalis, *Walk.*	447
28.	Cirrhochrista caconalis, *Swinh.*	420
29.	Eoöphyla waigaoalis, *Swinh.*	442

PLATE VI.

E C Knight ad nat chrom

West, Newman imp

PLATE VII.

		PAGE
1.	Pitacanda mœrulalis, *Walk.*	525
2.	Melissoblaptes obliterosa, *Walk.*	416
3.	Fisera perplexata, *Walk.*	275
4.	Ethopia roseilinea, *Walk.*	416
5.	Betousa dilecta, *Walk.*	408
6.	Galadra rhomboidata, *Walk.*	449
7.	Haitufa fabiusalis, *Walk.*	491
8.	Hypanchila devialis, *Walk.*	433
9.	Alutefa æqualis, *Walk.*	451
10.	Pelina trilinealis, *Walk.*	448
11.	Nacoleia marionalis, *Walk.*	483
12.	Pagyda furcatalis, *Swinh.*	460
13.	Piletocera zebinalis, *Walk.*	451
14.	Strepsinoma crœsusalis, *Walk.*	448
15.	Piletocera latalis, *Walk.*	450
16.	Aripana idalis, *Walk.*	454
17.	Rhimphalea heranialis, *Walk.*	465
18.	Endotricha drancesalis, *Walk.*	427
19.	Analthes hypsalis, *Walk.*	471
20.	Clupeosoma polusalis, *Walk.*	451
21.	Blepharomastix phaleasalis, *Walk.*	486
22.	Pagyda holonalis, *Swinh.*	460
23.	Piletocera lycopusalis, *Walk.*	450
24.	Pagyda pœasalis, *Walk.*	460
25.	Piletocera basalis, *Walk.*	450
26.	Tabidia aculealis, *Walk.*	456
27.	Rhimphalea splendidalis, *Walk.*	465

PLATE VII.

PLATE VIII.

		PAGE
1.	Pramadea curiusalis, *Walk.*	490
2.	Dichocrocis megillalis, *Walk.*	483
3.	Saroscelis nicoalis, *Walk.*	475
4.	Analthes euspilalis, *Walk.*	471
5.	Pleuroptya mysolalis, *Walk.*	492
6.	Pyrausta ciniferalis, *Walk.*	537
7.	Pionea turiusalis, *Walk.*	533
8.	Gogana pustularia, *Walk.*	590
9.	Dichocrocis nigrilinealis, *Walk.*	481
10.	Margaronia phytonalis, *Walk.*	511
11.	Tangla zangisalis, *Walk.*	501
12.	Pionea placens, *Walk.*	534
13.	Blepharomastix tampiusalis, *Walk.*	485
14.	Piletocera tellesalis, *Walk.*	450
15.	Gariga argentilinea, *Walk.*	587
16.	Nola implens, *Walk.*	588
17.	Lygropia sinonalis, *Walk.*	497
18.	Lotanga confixalis, *Walk.*	469
19.	Blepharomastix charesalis, *Walk.*	486
20.	Pyrausta rhipheusalis, *Walk.*	539
21.	Piletocera illectalis, *Walk.*	450
22.	Lygropia propinqualis, *Walk.*	498
23.	Chorsia maculosa, *Walk.*	587
24.	Pleuroptya quadriguttalis, *Walk.*	492
25.	Pyrausta aurifusalis, *Swinh.*	536
26.	Nosophora chironalis, *Walk.*	470
27.	Dichocrocis clioalis, *Walk.*	479
28.	Pyrausta kenalis, *Swinh.*	538
29.	Archernis ignealis, *Walk.*	519
30.	Œdematarcha xipharesalis, *Walk.*	476
31.	Blepharomastix insolitalis, *Walk.*	486
32.	Gogana specularis, *Walk.*	590
33.	Polygrammodes tapsusalis, *Walk.*	524
34.	Parudea fimbriata, *Swinh.*	523

PLATE VIII.

Already Published, by the same Author.
Demy 8vo, cloth, price 21s.

CATALOGUE

OF

EASTERN AND AUSTRALIAN

LEPIDOPTERA HETEROCERA

IN THE COLLECTION OF

THE OXFORD UNIVERSITY MUSEUM

PART I

SPHINGES AND BOMBYCES

WITH EIGHT PLATES

Oxford

AT THE CLARENDON PRESS

LONDON: HENRY FROWDE

OXFORD UNIVERSITY PRESS WAREHOUSE, AMEN CORNER, E.C.

1/6/00

Clarendon Press, Oxford.

SELECT LIST OF STANDARD WORKS.

DICTIONARIES . . . . . page 1
LAW . . . . . „ 2
HISTORY, BIOGRAPHY, ETC. . . . „ 4
PHILOSOPHY, LOGIC, ETC. . . . . „ 6
PHYSICAL SCIENCE, ETC. . . . . „ 7

1. DICTIONARIES.

A NEW ENGLISH DICTIONARY

ON HISTORICAL PRINCIPLES,

Founded mainly on the materials collected by the Philological Society.

Imperial 4to.

EDITED BY DR. MURRAY.

PRESENT STATE OF THE WORK.

				£	s.	d.
Vol. I.	A, B	By Dr. MURRAY	Half-morocco	2	12	6
Vol. II.	C	By Dr. MURRAY	Half-morocco	2	12	6
Vol. III.	D, E	By Dr. MURRAY / By Mr. HENRY BRADLEY . . .	Half-morocco	2	12	6
Vol. IV.	F, G	By Mr. HENRY BRADLEY: F-Field		0	7	6
		Field-Frankish		0	12	6
		Franklaw-Glass-cloth		0	12	6
		Glass-coach-Graded		0	5	0
Vol. V.	H—K	By Dr. MURRAY: H-Hod		0	12	6
		Hod-Horizontal		0	2	6
		Horizontality-Hywe . . .		0	5	0
		I-In		0	5	0
		In-Infer		0	5	0

☞ *The remainder of the work, to the end of the alphabet, is in an advanced state of preparation.*

*** *The Dictionary is also, as heretofore, issued in the original Parts—*

Series I.	Parts I–IX.	A—Distrustful	*each*	0	12	6
Series I.	Part X.	Distrustfully—Dziggetai		0	7	6
Series II.	Parts I–IV.	E—Glass-cloth	*each*	0	12	6
Series III.	Part I.	H—Hod		0	12	6
Series III.	Part II.	Hod—Hywe		0	7	6

Oxford: Clarendon Press. London: HENRY FROWDE, Amen Corner, E.C.

A Hebrew and English Lexicon of the Old Testament, with an Appendix containing the Biblical Aramaic, based on the Thesaurus and Lexicon of Gesenius, by Francis Brown, D.D., S. R. Driver, D.D., and C. A. Briggs, D.D. Parts I–VII. Small 4to, *2s. 6d.* each.

Thesaurus Syriacus: collegerunt Quatremère, Bernstein, Lorsbach, Arnoldi, Agrell, Field, Roediger: edidit R. Payne Smith, S.T.P.
Vol. I, containing Fasciculi I–V, sm. fol., *5l. 5s.*
*** *The First Five Fasciculi may also be had separately.*
Fasc. VI. *1l.* 1*s.*; VII. *1l.* 11*s. 6d.*; VIII. *1l.* 16*s.*; IX. *1l. 5s.*; X. Pars. I. *1l.* 16*s.*

A Compendious Syriac Dictionary, founded upon the above. Edited by Mrs. Margoliouth. Parts I and II. Small 4to, 8*s. 6d. net each.*
*** *The Work will be completed in Four Parts.*

A Sanskrit-English Dictionary. Etymologically and Philologically arranged, with special reference to cognate Indo-European Languages. By Sir M. Monier-Williams, M.A., K.C.I.E.; with the collaboration of Prof. E. Leumann, Ph.D.; Prof. C. Cappeller, Ph.D.; and other scholars. *New Edition, greatly Enlarged and Improved.* Cloth, bevelled edges, 3*l.* 13*s. 6d.*; half-morocco, 4*l.* 4*s.*

A Greek-English Lexicon. By H. G. Liddell, D.D., and Robert Scott, D.D. *Eighth Edition, Revised.* 4to. *1l.* 16*s.*

An Etymological Dictionary of the English Language, arranged on an Historical Basis. By W. W. Skeat, Litt.D. *Third Edition.* 4to. *2l. 4s.*

A Middle-English Dictionary. By F. H. Stratmann. A new edition, by H. Bradley, M.A. 4to, half-morocco, *1l.* 11*s. 6d.*

The Student's Dictionary of Anglo-Saxon. By H. Sweet, M.A., Ph.D., LL.D. Small 4to, 8*s. 6d. net.*

An Anglo-Saxon Dictionary, based on the MS. collections of the late Joseph Bosworth, D.D. Edited and enlarged by Prof. T. N. Toller, M.A. Parts I–III. A–SÁR. 4to, stiff covers, 15*s.* each. Part IV, § 1, SÁR–SWÍÐRIAN. Stiff covers, 8*s. 6d.* Part IV, § 2, SWÍþ-SNEL–ÝTMEST, 18*s. 6d.*
*** *A Supplement, which will complete the Work, is in active preparation.*

An Icelandic-English Dictionary, based on the MS. collections of the late Richard Cleasby. Enlarged and completed by G. Vigfússon, M.A. 4to. 3*l.* 7*s.*

2. LAW.

Anson. *Principles of the English Law of Contract, and of Agency in its Relation to Contract.* By Sir W. R. Anson, D.C.L. *Ninth Edition.* 8vo. 10*s. 6d.*

—— *Law and Custom of the Constitution.* 2 vols. 8vo.
Part I. Parliament. *Third Edition.* 12*s. 6d.*
Part II. The Crown. *Second Edition.* 14*s.*

Baden-Powell. *Land-Systems of British India;* being a Manual of the Land-Tenures, and of the Systems of Land-Revenue Administration prevalent in the several Provinces. By B. H. Baden-Powell, C.I.E. 3 vols. 8vo. 3*l.* 3*s.*

Digby. *An Introduction to the History of the Law of Real Property.* By Sir Kenelm E. Digby, M.A. *Fifth Edition.* 8vo. 12*s. 6d.*

Grueber. *Lex Aquilia.* By Erwin Grueber, Dr. Jur., M.A. 8vo. 10*s.* 6*d.*

Hall. *International Law.* By W. E. Hall, M.A. *Fourth Edition.* 8vo. 22*s.* 6*d.*

—— *A Treatise on the Foreign Powers and Jurisdiction of the British Crown.* By W. E. Hall, M.A. 8vo. 10*s.* 6*d.*

Holland. *Elements of Jurisprudence.* By T. E. Holland, D.C.L. *Eighth Edition.* 8vo. 10*s.* 6*d.*

—— *The European Concert in the Eastern Question;* a Collection of Treaties and other Public Acts. Edited, with Introductions and Notes, by T. E. Holland, D.C.L. 8vo. 12*s.* 6*d.*

—— *Studies in International Law.* By T. E. Holland, D.C.L. 8vo. 10*s.* 6*d.*

—— *Gentilis, Alberici, De Iure Belli Libri Tres.* Edidit T. E. Holland, I.C.D. Small 4to, half-morocco, 21*s.*

—— *The Institutes of Justinian,* edited as a recension of the Institutes of Gaius, by T. E. Holland, D.C.L. *Second Edition.* Extra fcap. 8vo. 5*s.*

Holland and Shadwell. *Select Titles from the Digest of Justinian.* By T. E. Holland, D.C.L., and C. L. Shadwell, D.C.L. 8vo. 14*s.*

Also sold in Parts, in paper covers—
Part I. Introductory Titles. 2*s.* 6*d.*
Part II. Family Law. 1*s.*
Part III. Property Law. 2*s.* 6*d.*
Part IV. Law of Obligations (No. 1), 3*s.* 6*d.* (No. 2), 4*s.* 6*d.*

Ilbert. *The Government of India.* Being a Digest of the Statute Law relating thereto. With Historical Introduction and Illustrative Documents. By Sir Courtenay Ilbert, K.C.S.I. 8vo, half-roan. 21*s.*

Jenks. *Modern Land Law.* By Edward Jenks, M.A. 8vo. 15*s.*

Markby. *Elements of Law considered with reference to Principles of General Jurisprudence.* By Sir William Markby, D.C.L. *Fifth Edition.* 8vo. 12*s.* 6*d.*

Moyle. *Imperatoris Iustiniani Institutionum Libri Quattuor,* with Introductions, Commentary, Excursus and Translation. By J. B. Moyle, D.C.L. *Third Edition.* 2 vols. 8vo. Vol. I. 16*s.* Vol. II. 6*s.*

—— *Contract of Sale in the Civil Law.* 8vo. 10*s.* 6*d.*

Pollock and Wright. *An Essay on Possession in the Common Law.* By Sir F. Pollock, Bart., M.A., and Sir R. S. Wright, B.C.L. 8vo. 8*s.* 6*d.*

Poste. *Gaii Institutionum Juris Civilis Commentarii Quattuor;* or, Elements of Roman Law by Gaius. With a Translation and Commentary by Edward Poste, M.A. *Third Edition.* 8vo. 18*s.*

Raleigh. *An Outline of the Law of Property.* By Thos. Raleigh, D.C.L. 8vo. 7*s.* 6*d.*

Sohm. *Institutes of Roman Law.* By Rudolph Sohm. Translated by J. C. Ledlie, B.C.L. With an Introductory Essay by Erwin Grueber, Dr. Jur., M.A. 8vo. 18*s.*

Stokes. *The Anglo-Indian Codes.* By Whitley Stokes, LL.D.
Vol. I. Substantive Law. 8vo. 30*s.*
Vol. II. Adjective Law. 8vo. 35*s.*
First and Second Supplements to the above, 1887–1891. 8vo. 6*s.* 6*d.*
Separately, No. 1, 2*s.* 6*d.*; No. 2, 4*s.* 6*d.*

3. HISTORY, BIOGRAPHY, ETC.

Adamnani *Vita S. Columbae.* Ed. J. T. Fowler, D.C.L. Crown 8vo, half-bound, 8*s.* 6*d. net* (with translation, 9*s.* 6*d. net*).

Aubrey. *'Brief Lives,' chiefly of Contemporaries, set down by John Aubrey, between the Years* 1669 *and* 1696. Edited from the Author's MSS., by Andrew Clark, M.A., LL.D. With Facsimiles. 2 vols. 8vo. 25*s.*

Baedae *Historia Ecclesiastica,* etc. Edited by C. Plummer, M.A. 2 vols. Crown 8vo, 21*s. net.*

Bedford (W.K.R.). *The Blazon of Episcopacy.* Being the Arms borne by, or attributed to, the Archbishops and Bishops of England and Wales. With an Ordinary of the Coats described and of other Episcopal Arms. *Second Edition, Revised and Enlarged.* With One Thousand Illustrations. Sm. 4to, buckram, 31*s.* 6*d. net.*

Boswell's *Life of Samuel Johnson, LL.D.* Edited by G. Birkbeck Hill, D.C.L. In six volumes, medium 8vo. With Portraits and Facsimiles. Half-bound, 3*l.* 3*s.*

Bright. *Chapters of Early English Church History.* By W. Bright, D.D. *Third Edition. Revised and Enlarged.* With a Map. 8vo. 12*s.*

Casaubon (Isaac). 1559–1614. By Mark Pattison. 8vo. 16*s.*

Clarendon's *History of the Rebellion and Civil Wars in England.* Re-edited from a fresh collation of the original MS. in the Bodleian Library, with marginal dates and occasional notes, by W. Dunn Macray, M.A., F.S.A. 6 vols. Crown 8vo. 2*l.* 5*s.*

Hewins. *The Whitefoord Papers.* Being the Correspondence and other Manuscripts of Colonel Charles Whitefoord and Caleb Whitefoord, from 1739 to 1810. Edited, with Introduction and Notes, by W. A. S. Hewins, M.A. 8vo. 12. 6*d.*

Earle. *Handbook to the Land-Charters, and other Saxonic Documents.* By John Earle, M.A. Crown 8vo. 16*s.*

Earle and Plummer. *Two of the Saxon Chronicles, Parallel, with Supplementary Extracts from the others.* A Revised Text, edited, with Introduction, Notes, Appendices, and Glossary, by Charles Plummer, M.A., on the basis of an edition by John Earle, M.A. 2 vols. Crown 8vo, half-roan.

Vol. I. Text, Appendices, and Glossary. 10*s.* 6*d.*

Vol. II. Introduction, Notes, and Index. 12*s.* 6*d.*

Freeman. *The History of Sicily from the Earliest Times.*

Vols. I and II. 8vo, cloth, 2*l.* 2*s.*

Vol. III. The Athenian and Carthaginian Invasions. 24*s.*

Vol. IV. From the Tyranny of Dionysios to the Death of Agathoklês. Edited by Arthur J. Evans, M.A. 21*s.*

Freeman. *The Reign of William Rufus and the Accession of Henry the First.* By E. A. Freeman, D.C.L. 2 vols. 8vo. 1*l.* 16*s.*

Gardiner. *The Constitutional Documents of the Puritan Revolution,* 1628–1660. Selected and Edited by Samuel Rawson Gardiner, D.C.L. *Second Edition.* Crown 8vo. 10*s.* 6*d.*

Gross. *The Gild Merchant;* a Contribution to British Municipal History. By Charles Gross, Ph.D. 2 vols. 8vo. 24*s.*

Hastings. *Hastings and the Rohilla War.* By Sir John Strachey, G.C.S.I. 8vo, cloth, 10*s.* 6*d.*

Hill. *Sources for Greek History between the Persian and Peloponnesian Wars.* Collected and arranged by G. F. Hill, M.A. 8vo. 10*s.* 6*d.*

Hodgkin. *Italy and her Invaders.* With Plates & Maps. 8 vols. 8vo. By T. Hodgkin, D.C.L.
Vols. I–II. *Second Edition.* 42*s.*
Vols. III–IV. *Second Edition.* 36*s.*
Vols. V–VI. 36*s.*
Vol. VII–VIII (*completing the work*). 24*s.*

Payne. *History of the New World called America.* By E. J. Payne, M.A. 8vo.
Vol. I, containing Book I, *The Discovery*; Book II, Part I, *Aboriginal America*, 18*s.*
Vol. II, containing Book II, *Aboriginal America* (concluded), 14*s.*

Johnson. *Letters of Samuel Johnson, LL.D.* Collected and Edited by G. Birkbeck Hill, D.C.L. 2 vols. half-roan, 28*s.*

——*Johnsonian Miscellanies.* By the same Editor. 2 vols. Medium 8vo, half-roan, 28*s.*

Kitchin. *A History of France.* With Numerous Maps, Plans, and Tables. By G. W. Kitchin, D.D. In three Volumes. *New Edition.* Crown 8vo, each 10*s.* 6*d.*
Vol. I. to 1453. Vol. II. 1453–1624. Vol. III. 1624–1793.

Lewis (*Sir G. Cornewall*). *An Essay on the Government of Dependencies.* Edited by C. P. Lucas, B.A. 8vo, half-roan. 14*s.*

Lucas. *Introduction to a Historical Geography of the British Colonies.* By C. P. Lucas, B.A. With Eight Maps. Crown 8vo. 4*s.* 6*d.*

—— *Historical Geography of the British Colonies:*
Vol. I. The Mediterranean and Eastern Colonies (exclusive of India). With Eleven Maps. Crown 8vo. 5*s.*
Vol. II. The West Indian Colonies. With Twelve Maps. Crown 8vo. 7*s.* 6*d.*
Vol. III. West Africa. With Five Maps. Crown 8vo. 7*s.* 6*d.*
Vol. IV. South and East Africa. Historical and Geographical. With Ten Maps. Crown 8vo. 9*s.* 6*d.*
Also Vol. IV in two Parts—
Part I. Historical, 6*s.* 6*d.*
Part II. Geographical, 3*s.* 6*d.*

Ludlow. *The Memoirs of Edmund Ludlow, Lieutenant-General of the Horse in the Army of the Commonwealth of England, 1625–1672.* Edited by C. H. Firth, M.A. 2 vols. 8vo. 1*l.* 16*s.*

Machiavelli. *Il Principe.* Edited by L. Arthur Burd, M.A. With an Introduction by Lord Acton. 8vo. 14*s.*

Prothero. *Select Statutes and other Constitutional Documents, illustrative of the Reigns of Elizabeth and James I.* Edited by G. W. Prothero, M.A. Crown 8vo. *Second Edition.* 10*s.* 6*d.*

—— *Select Statutes and other Documents bearing on the Constitutional History of England, from* A.D. 1307 *to* 1558. By the same Editor. [*In Preparation.*]

Ramsay (**Sir J. H.**). *Lancaster and York.* A Century of English History (A.D. 1399–1485). 2 vols. 8vo. With Index, 37*s.* 6*d.*

Ramsay (**W. M.**). *The Cities and Bishoprics of Phrygia.* By W. M. Ramsay, D.C.L., LL.D.
Vol. I. Part I. The Lycos Valley and South-Western Phrygia. Royal 8vo. 18*s. net.*
Vol. I. Part II. West and West-Central Phrygia. 21*s. net.*

Ranke. *A History of England, principally in the Seventeenth Century.* By L. von Ranke. Translated under the superintendence of G. W. Kitchin, D.D., and C. W. Boase, M.A. 6 vols. 8vo. 63*s.*
Revised Index, separately, 1*s.*

Rashdall. *The Universities of Europe in the Middle Ages.* By Hastings Rashdall, M.A. 2 vols. (in 3 Parts) 8vo. With Maps. 2*l.* 5*s.*, *net.*

Smith's *Lectures on Justice, Police, Revenue and Arms.* Edited, with Introduction and Notes, by Edwin Cannan. 8vo. 10s. 6d. *net.*

—— *Wealth of Nations.* With Notes, by J. E. Thorold Rogers, M.A. 2 vols. 8vo. 21s.

Stephens. *The Principal Speeches of the Statesmen and Orators of the French Revolution,* 1789–1795. By H. Morse Stephens. 2 vols. Crown 8vo. 21s.

Stubbs. *Select Charters and other Illustrations of English Constitutional History, from the Earliest Times to the Reign of Edward I.* Arranged and edited by W. Stubbs, D.D., Lord Bishop of Oxford. *Eighth Edition.* Crown 8vo. 8s. 6d.

—— *The Constitutional History of England, in its Origin and Development. Library Edition.* 3 vols. Demy 8vo. 2l. 8s.

Also in 3 vols. crown 8vo, price 12s. each.

Stubbs. *Seventeen Lectures on the Study of Mediaeval and Modern History.* Crown 8vo. 8s. 6d.

—— *Registrum Sacrum Anglicanum.* An attempt to exhibit the course of Episcopal Succession in England. By W. Stubbs, D.D. Small 4to. *Second Edition.* 10s. 6d.

Swift (F. D.). *The Life and Times of James the First of Aragon.* By F. D. Swift, B.A. 8vo. 12s. 6d.

Vinogradoff. *Villainage in England.* Essays in English Mediaeval History. By Paul Vinogradoff, Professor in the University of Moscow. 8vo, half-bound. 16s.

Woodhouse. *Aetolia; its Geography, Topography, and Antiquities.* By William J. Woodhouse, M.A., F.R.G.S. With Maps and Illustrations. Royal 8vo, price 21s. *net.*

4. PHILOSOPHY, LOGIC, ETC.

Bacon. *Novum Organum.* Edited, with Introduction, Notes, &c., by T. Fowler, D.D. *Second Edition.* 8vo. 15s.

Berkeley. *The Works of George Berkeley, D.D., formerly Bishop of Cloyne; including many of his writings hitherto unpublished.* With Prefaces, Annotations, and an Account of his Life and Philosophy. By A. Campbell Fraser, Hon. D.C.L., LL.D. 4 vols. 8vo. 2l. 18s.

The Life, Letters, &c., separately, 16s.

Bosanquet. *Logic; or, the Morphology of Knowledge.* By B. Bosanquet, M.A. 8vo. 21s.

Butler. *The Works of Joseph Butler, D.C.L.,* sometime Lord Bishop of Durham. Divided into sections, with sectional headings, an index to each volume, and some occasional notes; also prefatory matter. Edited by the Right Hon. W. E. Gladstone. 2 vols. Medium 8vo. 14s. each.

Fowler. *The Elements of Deductive Logic, designed mainly for the use of Junior Students in the Universities.* By T. Fowler, D.D. *Tenth Edition,* with a Collection of Examples. Extra fcap. 8vo. 3s. 6d.

—— *The Elements of Inductive Logic, designed mainly for the use of Students in the Universities.* By the same Author. *Sixth Edition.* Extra fcap. 8vo. 6s.

—— *Logic;* Deductive and Inductive, combined in a single volume. Extra fcap. 8vo. 7s. 6d.

Fowler and Wilson. *The Principles of Morals.* By T. Fowler, D.D., and J. M. Wilson, B.D. 8vo, cloth, 14*s.*

Green. *Prolegomena to Ethics.* By T. H. Green, M.A. Edited by A. C. Bradley, M.A. *Fourth Edition.* Crown 8vo. 7*s.* 6*d.*

Hegel. *The Logic of Hegel.* Translated from the Encyclopaedia of the Philosophical Sciences. With Prolegomena to the Study of Hegel's Logic and Philosophy. By W. Wallace, M.A. *Second Edition, Revised and Augmented.* 2 vols. Crown 8vo. 10*s.* 6*d.* each.

Hegel's *Philosophy of Mind.* Translated from the Encyclopaedia of the Philosophical Sciences. With Five Introductory Essays. By William Wallace, M.A., LL.D. Crown 8vo. 10*s.* 6*d.*

Hume's *Treatise of Human Nature.* Edited, with Analytical Index, by L. A. Selby-Bigge, M.A. *Second Edition.* Crown 8vo. 8*s.*

—— *Enquiry concerning the Human Understanding, and an Enquiry concerning the Principles of Morals.* Edited by L. A. Selby-Bigge, M.A. Crown 8vo. 7*s.* 6*d.*

Leibniz. *The Monadology and other Philosophical Writings.* Translated, with Introduction and Notes, by Robert Latta, M.A., D.Phil. Crown 8vo. 8*s.* 6*d.*

Locke. *An Essay Concerning Human Understanding.* By John Locke. Collated and Annotated, with Prolegomena, Biographical, Critical, and Historic, by A. Campbell Fraser, Hon. D.C.L., LL.D. 2 vols. 8vo. 1*l.* 12*s.*

Lotze's *Logic,* in Three Books —of Thought, of Investigation, and of Knowledge. English Translation; edited by B. Bosanquet. M.A. *Second Edition.* 2 vols. Cr. 8vo. 12*s.*

—— *Metaphysic.* in Three Books—Ontology, Cosmology, and Psychology. English Translation; edited by B. Bosanquet, M.A. *Second Edition.* 2 vols. Cr. 8vo. 12*s.*

Martineau. *Types of Ethical Theory.* By James Martineau, D.D. *Third Edition.* 2 vols. Cr. 8vo. 15*s.*

—— *A Study of Religion: its Sources and Contents. Second Edition.* 2 vols. Cr. 8vo. 15*s.*

Selby-Bigge. *British Moralists.* Selections from Writers principally of the Eighteenth Century. Edited by L. A. Selby-Bigge, M.A. 2 vols. Crown 8vo. 18*s.*

Wallace. *Lectures and Essays on Natural Theology and Ethics.* By William Wallace, M.A., LL.D. Edited, with a Biographical Introduction by Edward Caird, M.A., Hon. D.C.L. 8vo, with a Portrait. 12*s.* 6*d.*

5. PHYSICAL SCIENCE, ETC.

Balfour. *The Natural History of the Musical Bow.* A Chapter in the Developmental History of Stringed Instruments of Music. Part I, Primitive Types. By Henry Balfour, M.A. Royal 8vo, paper covers. 4*s.* 6*d.*

Chambers. *A Handbook of Descriptive and Practical Astronomy.* By G. F. Chambers, F.R.A.S. *Fourth Edition,* in 3 vols. Demy 8vo.

Vol. I. The Sun, Planets, and Comets. 21*s.*

Vol. II. Instruments and Practical Astronomy. 21*s.*

Vol. III. The Starry Heavens. 14*s.*

De Bary. *Comparative Anatomy of the Vegetative Organs of the Phanerogams and Ferns.* By Dr. A. de Bary. Translated by F. O. Bower, M.A., and D. H. Scott, M.A. Royal 8vo. 1*l.* 2*s.* 6*d.*

—— *Comparative Morphology and Biology of Fungi, Mycetozoa and Bacteria.* By Dr. A. de Bary. Translated by H. E. F. Garnsey, M.A. Revised by Isaac Bayley Balfour, M.A., M.D., F.R.S. Royal 8vo, half-morocco, 1*l.* 2*s.* 6*d.*

—— *Lectures on Bacteria.* By Dr. A. de Bary. *Second Improved Edition.* Translated by H. E. F. Garnsey, M.A. Revised by Isaac Bayley Balfour, M.A., M.D., F.R.S. Crown 8vo. 6*s.*

Druce. *The Flora of Berkshire.* Being a Topographical and Historical Account of the Flowering Plants and Ferns found in the County, with short Biographical Notices. By G. C. Druce, Hon. M.A. Oxon. Crown 8vo, 16*s. net.*

Elliott. An Introduction to the Algebra of Quantics. By E. B. Elliott, M.A. 8vo. 15*s.*

Goebel. *Outlines of Classification and Special Morphology of Plants.* By Dr. K. Goebel. Translated by H. E. F. Garnsey, M.A. Revised by Isaac Bayley Balfour, M.A., M.D., F.R.S. Royal 8vo, half-morocco, 1*l.* 1*s.*

Johnston. *An Elementary Treatise on Analytical Geometry,* with Numerous Examples. By W. J. Johnston, M.A. (R.U.I.) Cr. 8vo. 6*s.*

Pfeffer. *The Physiology of Plants. A Treatise upon the Metabolism and Sources of Energy in Plants.* By Prof. Dr. W. Pfeffer. Second fully Revised Edition, translated and edited by Alfred J. Ewart, D.Sc., Ph.D., F.L.S. Royal 8vo, half-morocco, 28*s.*

Prestwich. *Geology, Chemical, Physical, and Stratigraphical.* By Sir Joseph Prestwich, M.A., F.R.S. In two Volumes. 3*l.* 1*s.*

Price. *A Treatise on the Measurement of Electrical Resistance.* By W. A. Price, M.A., A.M.I.C.E. 8vo. 14*s.*

Sachs. *A History of Botany.* Translated by H. E. F. Garnsey, M.A. Revised by I. Bayley Balfour, M.A., M.D., F.R.S. Crown 8vo. 10*s.*

Solms-Laubach. *Fossil Botany. Being an Introduction to Palaeophytology from the Standpoint of the Botanist.* By H. Graf zu Solms-Laubach. Translated by H. E. F. Garnsey, M.A. Revised by I. Bayley Balfour, M.A., M.D., F.R.S. Royal 8vo, half-morocco, 18*s.*

Warington. *Lectures on some of the Physical Properties of Soil.* By Robert Warington, M.A., F.R.S. With a Portrait of Prof. John Sibthorp. 8vo, 6*s.*

Biological Series.

I. *The Physiology of Nerve, of Muscle, and of the Electrical Organ.* Edited by Sir J. Burdon Sanderson, Bart., M.D., F.R.SS. L.&E. Medium 8vo. 1*l.* 1*s.*

II. *The Anatomy of the Frog.* By Dr. Alexander Ecker, Professor in the University of Freiburg. Translated, with numerous Annotations and Additions, by G. Haslam, M.D. Medium 8vo. 21*s.*

IV. *Essays upon Heredity and Kindred Biological Problems.* By Dr. A. Weismann. Authorized Translation. Crown 8vo.
Vol. I. Edited by E. B. Poulton, S. Schönland, and A. E. Shipley. *Second Edition.* 7*s.* 6*d.*
Vol. II. Edited by E. B. Poulton, and A. E. Shipley. 5*s.*

Oxford
AT THE CLARENDON PRESS
London, Edinburgh, and New York
HENRY FROWDE